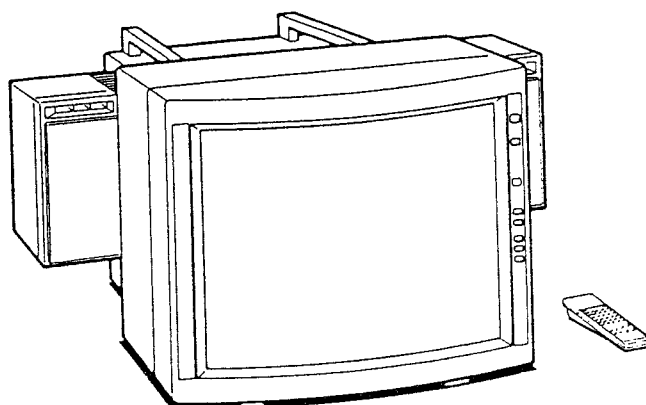


KV-FX2921B

RM-698/SS-XT291

SERVICE MANUAL

French Model
Chassis No. SCC-D72A-A



CE-1 CHASSIS

Note: The service manual for SS-XT291 has been issued separately.

MODELS OF THE SAME SERIES

KV-FX2921B	

SPECIFICATIONS

Television system B/G/H, I, L

Sound output 20 W + 20 W (music power)

Color system PAL, SECAM, NTSC3.58, NTSC4.43

Power consumption 171 Wh

Channel coverage VHF : E2-E12, F2-F10
UHF : E21-E69, F21-F69, B21-B69
CABLE : S01-S03, S1-S41

Dimensions Approx. 666x532x526.5mm (w/h/d)

Weight Approx. 52kg

Picture tube Trinitron tube
Approx. 72.4 cm (29 inches)
(Approx. 68 cm picture measured diagonally
110°-degree deflection)

Supplied accessories RM-698 Remote Commander (1)
IEC designation R6 batteries (2)
SS-XT291 Detachable Speaker (1 set)
Speaker cord with plug (2)

Inputs
 ☐ 1 21-pin connector :
CENELEC standard including RGB input.
 ☐ 2 21-pin connector :
including S video input
 ☐ 3 Video, Audio : phono jack

Design and specifications are subject to change without notice.

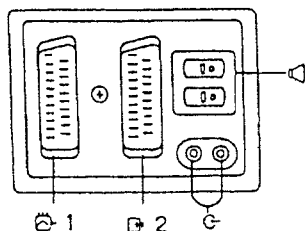
Outputs
 21-pin connector : CENELEC standard
 Headphones jack : stereo minijack
 External speaker terminals : 2-pin DIN
 Audio output jacks : phono jack (output dependent upon TV settings)



TRINITRON® COLOR TV

SONY®

21 Pin Connector (C-1 C-2)



Pin No	1	2	Signal	Signal level
1	○	○	Audio output B (right)	Standard level: 0.5Vrms Output impedance: Less than 1kohm*
2	○	○	Audio input B (right)	Standard level: 0.5Vrms Input impedance: More than 10kohms*
3	○	○	Audio output A (left)	Standard level: 0.5Vrms Output impedance: Less than 1kohm*
4	○	○	Ground (audio)	
5	○	○	Ground (blue)	
6	○	○	Audio input A (left)	Standard level: 0.5Vrms Input impedance: More than 10kohms*
7	○	●	Blue input	0.7V±3dB, 75ohms, positive
8	○	○	Function select (AV control)	High state (9.5-12 V): Part mode Low state (0-2 V): TV mode Input impedance: More than 10kohms Input capacitance: Less than 2 nF
9	○	○	Ground (green)	
10	○	○	Open	
11	○	●	Green	Green signal: 0.7V±3dB, 75ohms, positive
12	○	○	Open	
13	○	○	Ground (red)	
14	○	○	Ground (blanking)	
15	○	-	Red input	0.7V±3dB, 75ohms, positive
	-	○	(S signal) croma input	0.3V±3dB, 75ohms, positive
16	○	●	Blanking input (Ys signal)	High state (1-3 V) Low state (0-0.4 V) Input impedance: 75ohms
17	○	○	Ground (video output)	
18	○	○	Ground (video input)	
19	○	○	Video output	1V±3dB, 75ohms, positive Sync: 0.3V (-3, +10dB)
20	○	-	Video input	1 V±3dB, 75ohms, positive Sync: 0.3V (-3, +10dB)
	-	○	Video input/Y (S signal)	1 V±3dB, 75ohms, positive Sync: 0.3V (-3, +10dB)
21	○	○	Common ground (plug, shield)	

○ connected


● unconnected (open)

* at 20 Hz-20 kHz

WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS. THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION!!

AFIN D'EVITER TOUT RISQUE D'ELECTROCUTION PROVENANT D'UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE. LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!


LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET PAR UNE MARQUE  SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIÉCES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDiqué DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY.

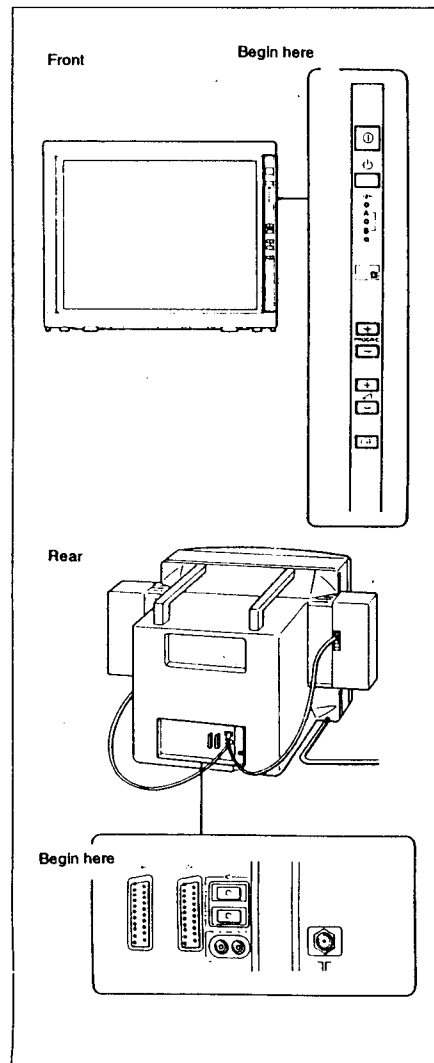
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SECTION 1 GENERAL

1-1. IDENTIFICATION OF CONTROLS (INDEX)

Television receiver



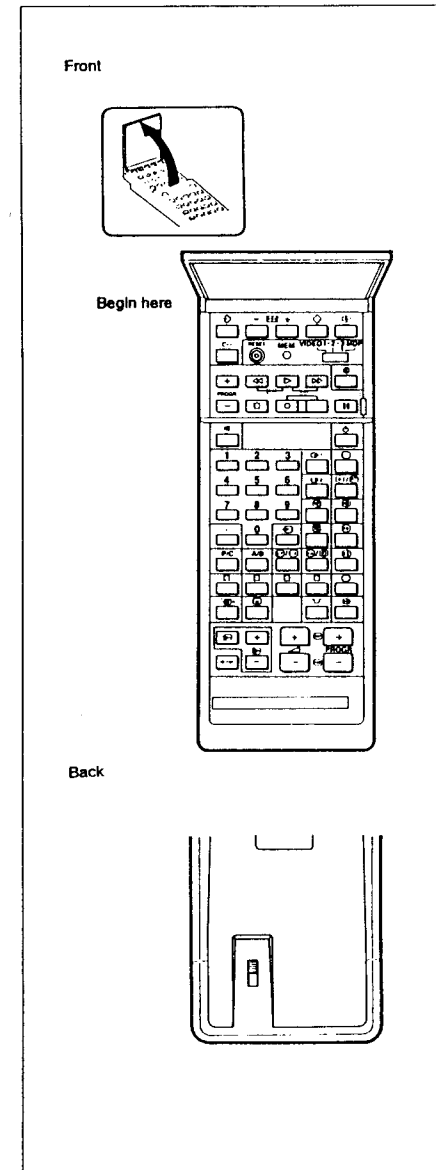
Front

Symbole	Function
⏻	Main power on/off switch
⏻	Standby display
⏻	Noise reduction function indicator
A	A mode indicator
B	B mode indicator
⏻	Remote control sensor
PROGR/C	The program or channel search keys. Likewise used to go from the standby mode to the TV mode when the remote control is not used.
⏻	Sound level adjustment keys TV/VIDEO selector
⏻	Headphone jack (mini stereo jack)
⏻	Located on the right side
On-screen Display	Appears in the upper right corner and the above the bar. It indicates the numbers of the programs, the numbers of the broadcasting channel, the television system, the entry modes and settings of the picture and sound.
Bar display	Appears on the top of the screen, it indicates the level of the picture and sound adjustments.

Rear

Symbole	Function
⏻	21 pin input connector. Connects it to a VTR equipped with an S video output jack, to an 8 mm format camcorder, etc.
⏻	21 pin input connector. Connects it to a VTR, a computer, etc.
⏻	Terminal for left speaker.
⏻	Terminal for right speaker.
⏻	Right channel jack for audio output
⏻	Left channel jack for audio output
⏻	Antenna jack

Remote commander



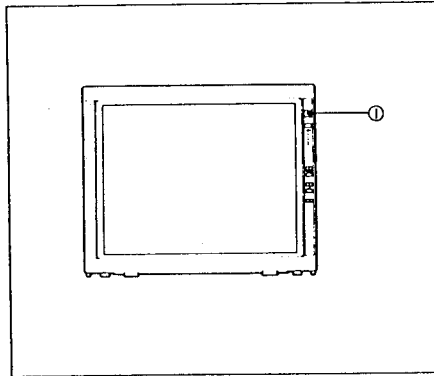
Symbole	Function
⏻	Presetting key
⏻	Tuning key
⏻	Save key
⏻	Selector of the television system
VIDEO 1/2/3/MDP	Video mode selector for learning function
MEM	Memorization/response indicator
RESET	Reset key for learning function
C--	Erase key
PROGR	Program search key for the video set
Keys ⏻, ⏻, ⏻, ⏻	Operating keys for the video set
⏻	Power on/off key of video set
⏻	Mute activation key
⏻	Power on/off key (standby)
⏻	Television key Use to change from standby mode, from the video mode or from the teletext mode to the TV mode.
⏻ 1 ⏻ 2	Entry keys
1 - 9, 0	Numerical program keys
--	Use -- to choose a program higher than 9.
⏻	Teledistribution key
⏻	Actual time display key Available when the chosen channel transmits in teletext mode
⏻	Key for the appearance/disappearance of display on screen
A/B	Sound mode A or B selector
P/C	Program/channel key
⏻	Noise reduction key
⏻	Image freeze key
⏻	Physiological correction key
⏻	Spatial sound key
PROGR	Program search key
⏻	Sound level adjustment keys
⏻	Image and sound adjustment keys
⏻	Reset key Used to reset the settings to those set at the factory.
USE/MEM	Usage/memorization selector for learning function

The keys indicated in green are intended for the teletext mode.

The keys indicated in red, green, yellow, blue and ⏻ are indicated for the teletext TOP mode.

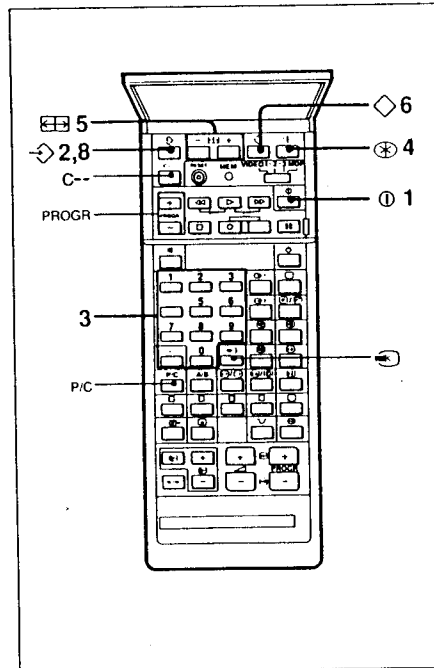
1-2. POWER ON/OFF

Press (⏻) to turn the television power on. To turn the power off for an extended period, for example, before going to bed or going out, press (⏻) again. In order to cut off the power for only a short period, use the (⏻) key of the remote control



1-3. PRESETTING OF THE CHANNELS

As soon as the television channels have been preset by the numerical keys of the remote control, you can view the desired programs by pressing a single key. During the presetting, the television sequentially tunes in a maximum of 60 (0 to 59) active channels in the usage region, from lower to higher frequencies and vice versa, so that you can decide whether or not to memorize each channel. The presetting is done using the remote control.


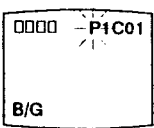
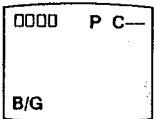




Step	Results
1 Press (⏻) to turn on the power.	The indicator (⏻) of the television lights up.
2 Press ⏻ to set the presetting mode.	<p>"P" begins to flash.</p>
3 Press the numerical program keys to choose the program to be preset first. Example: • To begin with position 1, press the program 1 number key. • To choose a program position above 9, press —. Example: To choose the program position 23, press —, 2 and 3 in this order.	—
4 Press * to choose the television system.	<p>With each push of the key *, the television system display will change as follows.</p> <p>B/G → L → I</p> <p>L: France I: United Kingdom/ Ireland B/G: Other Western European countries (See "Receivable Channels and Channel Display" page 28).</p>
5 Press ⏻ + or - to initiate the channel search forward (from the lower to higher frequencies) or backward (from the higher to lower frequencies).	<p>"P" stops flashing, while "C" begins to flash. When a channel is tuned in, the search stops.</p>
6 If this channel is one that you intend to use often, press the ⏻ to put it in the memory. If the channel is not one you want, go back to step 5.	<p>"C" stops flashing, while "P" begins to flash.</p>
7 Repeat the steps 3 to 6 for all the desired channels.	—
8 Press ⏻ to go back to the viewing mode of the television.	—

Skiping the positions of non-used programs






You can ignore the program positions that you do not wish to use. This function is used in the following cases :

- If the channel tuned in is too weak and has interference due to the low sound signal strength.
- If only 20 channels have been tuned in and you wish to ignore the 40 vacant positions in your region.
- If the same programs are tuned in on different channels in your region.

Step	Results
1 Press  to go to the presetting mode.	
2 Press the key of the program number to be ignored.	—
3 Press the C— key.	
4 Press  .	—
5 Press  to return to the viewing mode of the television.	—

Direct presetting of the channels

If you already know the numbers of the channels, you can preset them directly.

Step
Follow the below steps 1 to 4 ("Presetting of the channels", page 9), then proceed as follows:
5 Press P/C.
6 Choose the number of the desired channel by sequentially engaging the two numerical program keys. Example: To tune in channel 32, press 3, then 2. To tune in channel 4, press 0, then 4. To tune in channel of the teledistribution, press  , ( appears on the screen), then sequentially push in the two numerical program keys. Remark: Upon engaging the two numerical program keys, press the  within the 5 seconds that follow the pushing of the first, if not the operation will be canceled and the display will return to the original display.
7 Press  to memorize the channel.
8 Repeat the steps 6 to 8 for the other channels.
9 Press  to return the the viewing mode of the television.

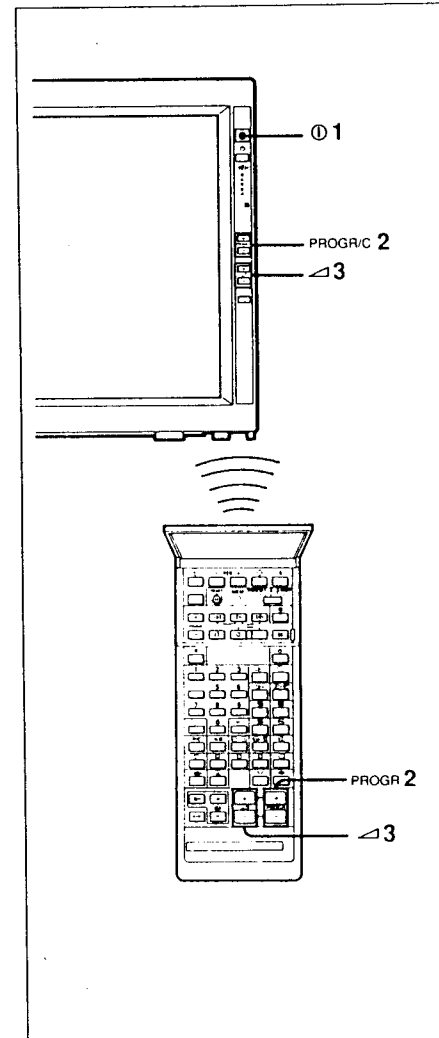
If you forget the number of the channel, at the time of direct presetting of the channels and you wish to preset the channel using the tuning keys, press the P/C key again.

Designation of a channel

After presetting, you can assign a 4 character name to the preset channels.

Step	Results
1 Choose the program number by pressing the numerical program keys of the remote control.	—
2 Press to go to the presetting mode.	—
3 Press .	The column at the right end of the channel name flashes. <div style="border: 1px solid black; padding: 5px; display: inline-block;"> Preset channel 0000 P1C32 B/G </div>
4 Press + or - to choose an alphabetic or numerical character.	—
5 Press .	The second column flashes. <div style="border: 1px solid black; padding: 5px; display: inline-block;"> A000 P1C32 B/G </div>
6 Repeat the steps 4 and 5 to enter the other characters.	—
7 Press . If the name has not been memorized, return to the step 2.	In this step, all the data of channel displayed on the screen are memorized. <div style="border: 1px solid black; padding: 5px; display: inline-block;"> ABCD P1C32 B/G </div>
8 Press to return to the viewing mode of the television.	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> ABCD 1 </div>

1-4. SETTING THE STANDBY MODE



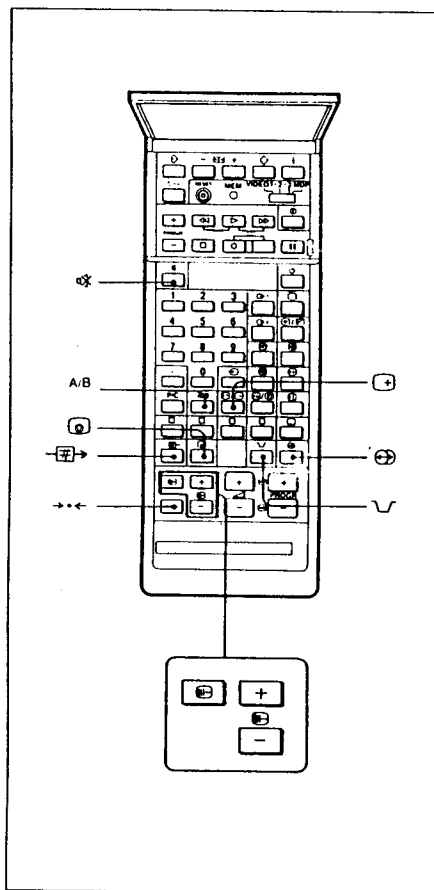
In Order to	On the Remote Control	On the Front Panel
Turn off the television power a short time (set on standby).	Press .	(lights up.)
Turn on the television power by means of the standby mode.	Press the desired numerical program key.	Press PROGR/C.
Turn the television power completely off: • Before going to bed or going out.	—	Press .
• Before going out, leaving on vacation, etc.	—	Disconnect the power cord at the rear of the wall socket.

Remarks:

When you go from the TV mode to the standby mode, there a small delay may occur before the picture reappears.

1-5. ADJUSTMENT OF THE PICTURE AND SOUND

In order to obtain an excellent quality picture, you can adjust the image and the sound in relation to the brightness of the location, of the input source and other factors, by using the remote control.



Adjustment Parameters	Operation
Color intensity 	Press the until the appears, accompanied by a barred display. Then press the + to accent the colors or - to reduce them. and the bars appear several seconds later.
Contrast 	Press the until the appears, accompanied by a barred display. Then press the + to accent the contrast or - to reduce it. and the bars appear several seconds later.
Brightness 	Press the until the appears, accompanied by a barred display. Then press the + to brighten the picture or - to darken it. and the bars appear several seconds later.
Tint (only for color NTSC system) 	Press the until the appears, accompanied by a barred display. Then press the + to add greenness the skin tones or - to add redness to them. and the bars appear several seconds later.
Sharpness 	Press the until the appears, accompanied by a barred display. Then press the + to accent the sharpness of the picture or - to reduce it. and the bars appear several seconds later. Remark: When the RGB entry mode is chosen, the sharpness is automatically adjusted.
Low pitch sounds 	Press the until the appears, accompanied by a barred display. Then press the + to increase the response for low pitch sound or - to reduce it. and the bars appear several seconds later.

Adjustment Parameters	Operation
High pitch sounds 	Press the until the appears, accompanied by a barred display. Then press the + to increase the response for high pitch sound or - to reduce it. and the bars appear several seconds later.
Balance between the left and right channels 	Press the until the appears, accompanied by a barred display. Then press the + to accentuate the sound level of the right speaker, or - to accentuate the sound level of the left speaker. and the bars appear several seconds later.
To reinitialize all the adjustments to those effected at the factory 	Press the
To accent the high and low tonality at low sound volume 	Press the The indicator appears on the screen. To re-establish the original sound, press this key again. The indicator appears for several seconds on the screen, then goes out.
To obtain a spatial sound effect 	Press the The indicator appears on the screen. To re-establish the original sound, press this key again. The indicator appears for several seconds on the screen, then goes out.
To view a fixed picture 	Press the To release this function, press the key again.
To reduce noise 	If the picture is subject to parasitic noise, press the The indicator lights up on the screen.
To cause the display to appear on the screen 	Press the To make it disappear, press the key again.
To muffle the sound 	Press the To re-establish the previous sound, press the key again.

Listening to a bilingual program

Choose the A or B mode, by pressing the A/B key on the remote control. With each push on his key, the mode and the indicator change as follows.

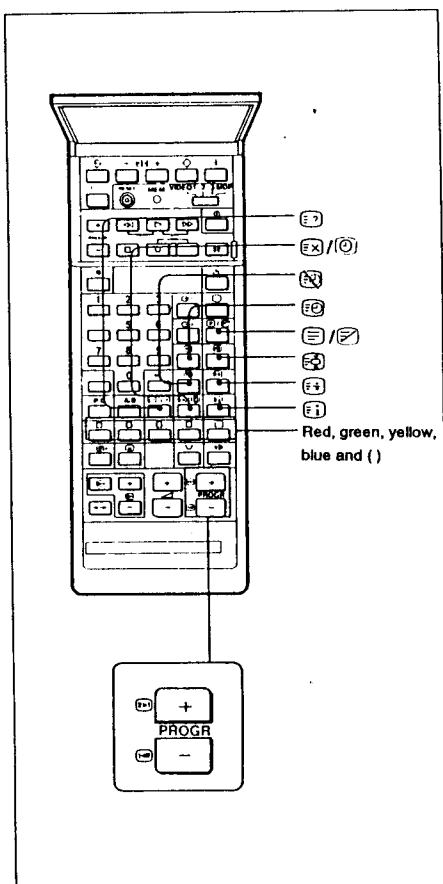
A (the indicator A lights.)

B (the indicator B lights.)

A and B (the indicators A and B light.)


— 6 —




The keys intended for this are indicated in green on the remote control.




- 1 Turn the television power on.
- 2 Choose the television channel for the teletext service.
- 3 Press the   (text/mix) to cause the teletext service to appear.
- 4 Enter the three numbers for the page desired by the numerical program keys.





The requested page appears.

In order to receive the teletext services directly from the standby mode, press the  (text/mix).



- 1 Press  (TV) to return to the television viewing mode.
- 2 Choose another television channel.
- 3 Press the  /  (text/mix).

Press the  (index).
If the necessary signal is not emitted, the page 100 appears.



Press the key  + (following page) or  - (preceding page).


Press the  /  (text/mix) twice from the TV mode.
Again press the  /  (text/mix) to go back to the display of the teletext.

Press the **(FX)/(C)** (erase/time).
This key is operable from the teletext mode (**(E)**) and from
the displayed mode (**(M)**) (mix).
To return to ordinary teletext reception, press the **(E)/(M)**
(text/mix).


Press the  (maintain). The symbol  appears on the screen.



To return to ordinary teletext reception, press the  / 
(text/m|x).


Press the  (enlargement of the display) to enlarge the upper half of the display. Push it in again to enlarge the lower half of the display. Push it in a third time to return to the normal display.

Press the **[?]** (revelation) key.
Press again to hide information.

- 1 Request a new page.
- 2 Press the  (text/mix) to view the televised program. The number of the requested page appears above the screen. When the requested page is found, its number appears in the upper left corner of the screen.

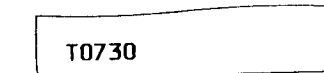


To look at this page, press the / (text/mix).

- 1 Call up a coded time page (for example, the alarm page).
- 2 Press the  (engagement of the time page).
"T*****" appears on the bottom of the screen.



3 Enter the desired time by the numerical program keys, by typing four numbers. For example, type 0730 for seven thirty.




To watch the program televised by the required time, press the **⏮** / **⏭** (erase/time). At the preset time, the page number appears on the bottom of the screen. To look at this page, press the **⏮** / **⏭** (text/tmbx).
To cancel the request, first be sure that the teletext page is displayed, then press the **⏮** (time page out of service).

Press the **[E]/[T]** (erase/time) of the remote control.
The actual time appears in the upper right corner of the screen. To make this display disappear, again press the key **[E]/[T]**.
 The displayed time is identical to the indication of the time in the teletext mode. This function is only operable when a teletext service is transmitted on the selected channel.

Access to pages by category — TOP teletext function

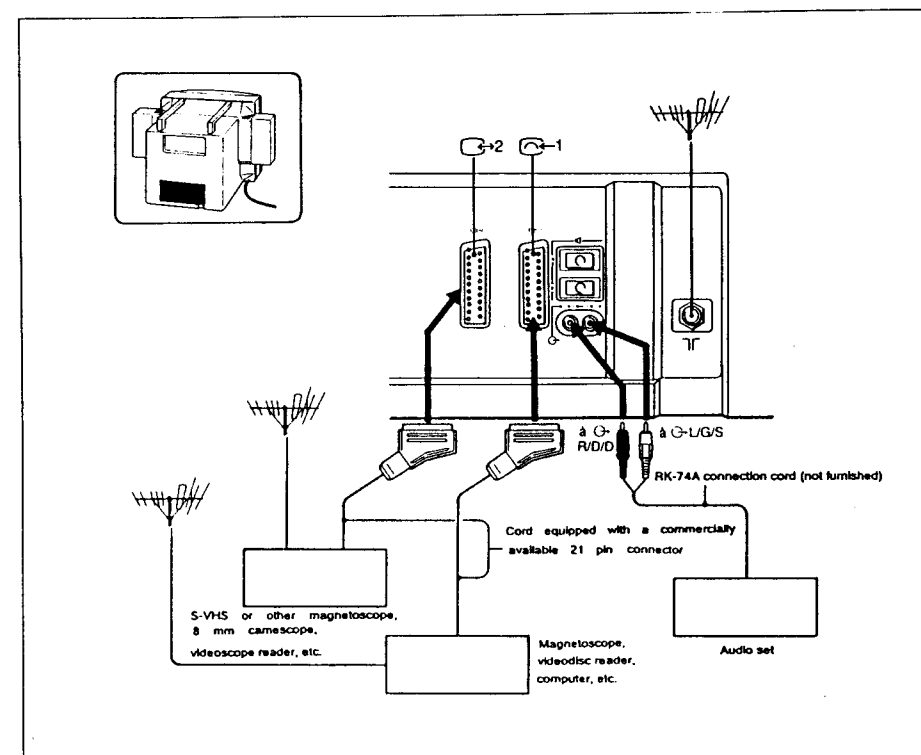
When the television receives TOP teletext signals (in the F.R.G. and in the ... regions, you can access pages by category ... number. This permits you to rapidly access information when you do not know the desired page number.


Operation

Step	Results
1 Press the  (TOP) key.	A maximum of 8 blocks of categories (example: sports, information and meteorological bulletins) appear.
2 Choose the block of the category by pressing the following block key several times (blue key).	Each time this key is pressed, the heading groups of the category block chosen (for example, information on the economy, on education or on politics) appear.
3 Choose the desire group of headings by pressing the following block key (yellow key).	One of the information pages of the selected group appears.
4 Choose the desired page. Press the green key to go to the following page and press the red key to return to the preceding page.	—







1-7. CONNECTION OF OTHER APPARATUS


You can obtain pictures of video banks and optical video discs, as well as stereophonic sound, by connecting a video or audio set to this television.









The magnetoscope can also be connected by the  Jack of this set.


To watch pictures coming from the 21 pin VIDEO 1 connector ()

In Order to	On the Remote Control	On the Television	Display on the Screen
Watch a video signal	Press the 	Press the  *	 1 (VIDEO 1)
Watch an RGB signal coming, for example, from a computer.	Press the  twice	Press the  *	 (RGB)

To watch pictures coming from the 21 pin VIDEO 2 connector ()

In Order to	On the Remote Control	On the Television	Display on the Screen
Watch a video signal	Press the 	Press the  *	 2 (VIDEO 2)
Watch a signal coming from a magnetoscope equipped with an S VIDEO output.	Press the  twice	Press the  *	 S (S VIDEO)

To return to the viewing mode of the television from the VIDEO 1, RGB, VIDEO 2 or S VIDEO mode

Press the  (TV) or the numerical program key of the remote control.





Concerning video S input

The video signals are divided into Y signals (brightness or brilliance) and C (chrominance).


Normally, these two types of signals are combined in a magnetoscope and output as a single signal, then sent to a television. The separation of the Y and C signals prevents one from interfering with the other, which as a consequence improves the quality of the pictures, notably the brightness.

*Remark on the key of the television




Each time the  (television/video) key is pressed, the input mode changes as follows:

TV - VIDEO 1  - RGB  - VIDEO 2  - S VIDEO 

Remark:

When the RGB input mode is chosen (), the sharpness of the picture cannot be adjusted.

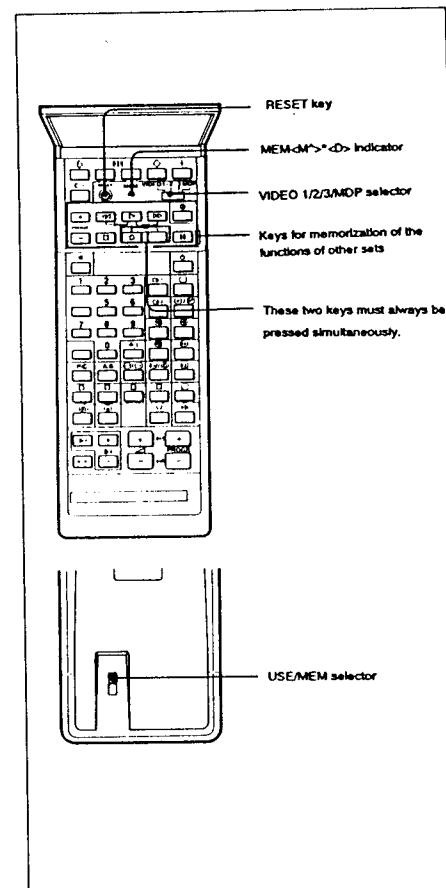
Remarks on the connections

- If the picture is deformed or has interference separate the set connected to the television.
- When a video set is joined to two input connectors ( and ), disconnect the one which is not being used.
- Plug the computer only into the VIDEO 1 () connector.

1-8. OPERATION OF ANOTHER SET USING THE SUPPLIED REMOTE CONTROL

You can operate your video set by means of the remote control that has been supplied, thanks to the learning function with which it is equipped.

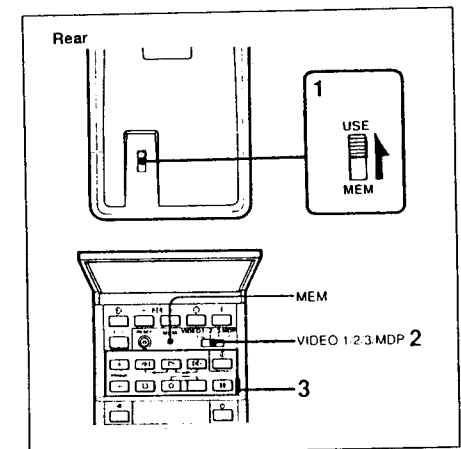
Controls used for learning



Operation of a Sony video set

To operate a video set manufactured by Sony, it is pointless to call upon the learning function.

You can operate cassette type magnetoscopes (including Beta, 8mm and VHS) function), as well as videodisc readers.



1 Set USE/MEM to USE.
Normally leave this selector in the USE position to operate the television.

2 Set the VIDEO 1/2/3/MDP in relation to the connected video set.

Set	Position of the selector VIDEO 1/2/3/MDP
Beta magnetoscope, ED Beta	VIDEO 1
8mm VTR	VIDEO 2
VHS magnetoscope	VIDEO 3
Videodisc reader	MDP

3 Use the keys of this area to operate the video set.

* MEM indicator operates as response indicator when USE/MEM selector is set to USE. It lights up momentarily when the operation key other than RESET and REC is pressed.

Operation of a VCR

To record	Simultaneously press ● and the key located to its right.
To begin the reading	Press ►.
To stop the scrolling	Press ■.
To rapidly advance the tape	Press ►►.
To rewind the tape	Press ◄◄.
To momentarily stop the tape	Press ■■.
To look at pictures scrolling at high speed and find a particular scene	Hold ►► or ◄◄ during the reading. To resume normal reading, release the key.

Operation of a videodisc reader

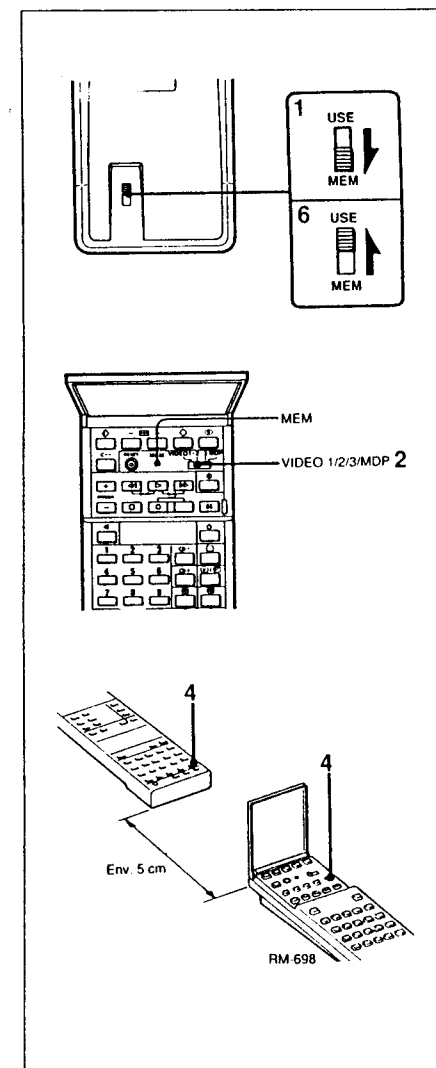
To start the reading	Press ►.
To stop the disc	Press ■.
	Press ■■.
To watch pictures scroll at high speed and find a particular scene	Hold ►► or ◄◄ during the reading. To resume normal reading, release the key.

Remark :

In certain cases, this remote control cannot actuate the functions of the connected video device.

Operation of a video device of another manufacturer

Practically any key of the learning area is capable of memorizing the remote control function with a Sony set, as well as a device of another manufacturer. You can memorize a function on each function key, in learning mode.



- 1 Adjust **USE/MEM** on **MEM**.
- 2 Set **VIDEO 1/2/3/MDP** in relation to the connected video device.
- 3 Place this remote control and the other face to face at a distance of 5 cm.

To achieve a more precise learning
Do not move the remote control during the memorization process.
- 4 Keep the key on which a function must be memorized pressed down (the **MEM** indication lights), as well as the function key of the other remote control, until the **MEM** indication disappears.
If a non-programmable key is depressed, the **MEM** indication flashes eight times, then goes out.
- 5 Repeat the steps 2 to 4 to continue to memorize functions.
- 6 Once the learning is finished, reset **USE/MEM** on **USE**.
Be sure to reset the **USE/MEM** selector on **USE** position after memorization, if you do not, you will not be able to operate the device.

A few other tips

- Set the VIDEO 1/2/3/MDP selector on a position not used for the Sony video set.
- When you operate the device by learned functions, the VIDEO 1/2/3/MDP must be set in the same position as during the learning.
- To memorize a new function on the same function key.
Example: Stop function → ■ key (stop)
Reading function → ► key (read)
- It is also possible to memorize the functions of an audio device.

Attention:

When replacing the batteries, install them within about 30 minutes. If you do not do so, the memorized functions will be erased.

Remarks on the memorization function

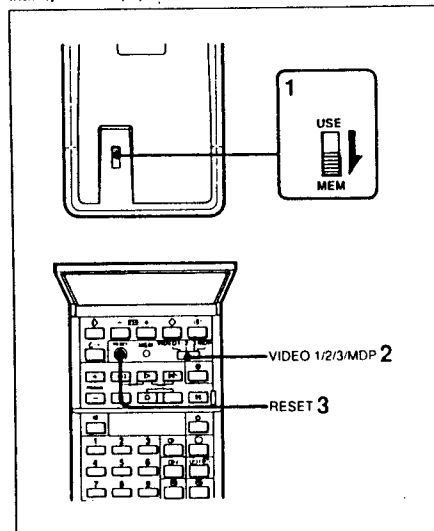
- Verify that the functions have been correctly and well memorized, because certain remote operating functions of other manufacturers are not memorizable on this remote control.
- When a new function is assigned to a key, the preceding function is automatically erased.
- When the memory is saturated, the MEM key flashes.

The learning function will not function in the following cases:

When	It is then necessary
<ul style="list-style-type: none"> • A fluorescent light or an apparatus emitting infrared rays is located in the proximity. 	<ul style="list-style-type: none"> • To separate the remote control from the source of interference.
<ul style="list-style-type: none"> • The batteries are depleted. 	<ul style="list-style-type: none"> • To replace the batteries with new ones.
<ul style="list-style-type: none"> • An obstacle is interposed between the remote control or it is not directly facing the target. • The remote control has been moved during the memorization process. 	<ul style="list-style-type: none"> • To correctly position the both remote controls.

Erasing of the memorized functions

You can erase memorized functions of each learning mode, that is, VIDEO 1, 2, 3 or MDP.



1	Set USE/MEM on MEM.	—
2	Set VIDEO 1/2/3/MEM on the position to be erased.	—
3	Press RESET.	All the functions memorized in the learning mode are erased. The MEM indication lights for several moments, then goes out.

Remark:

When the memorized functions are erased, the function keys of the programming area retain their memory which was input at the factory, such that it becomes possible to normally operate a video set manufactured by Sony.

1-9. RECEIVABLE CHANNELS AND DISPLAY OF THE CHANNELS

FRENCH SECAM-L SYSTEM	
Receivable channels	Display of the channels
2	C02
3	C03
⋮	⋮
10	C10
21	C21
⋮	⋮
69	C69

B/G PAL SYSTEM	
Receivable channels	Display of the channels
E2	C02
3	C03
4	C04
⋮	⋮
12	C12
21	C21
⋮	⋮
69	C69

CABLE TV NETWORK (1)	
Receivable channels	Display of the channels
S1	01
2	02
⋮	⋮
41	41

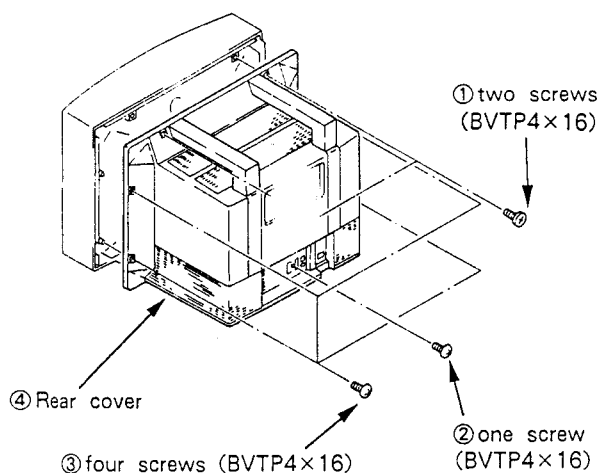
FRENCH CABLE NETWORK	
Receivable channels	Display of the channels
B	02
C	03
D	04
⋮	⋮
O	15
P	16
Q	17

ITALY	
Receivable channels	Display of the channels
A	C13
B	C14
C	C15
D	C16
E	C17
F	C18
G	C19
H	C20
H1	C11
H2	C12

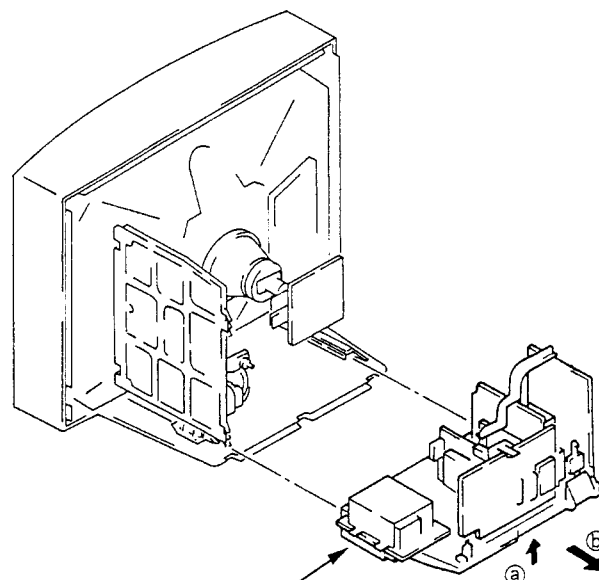
CABLE TV NETWORK (2)	
Receivable channels	Display of the channels
S01	42
⋮	⋮
S05	46
M1	01
⋮	⋮
M10	10
U1	11
⋮	⋮
U10	20

SECTION 2 DISASSEMBLY

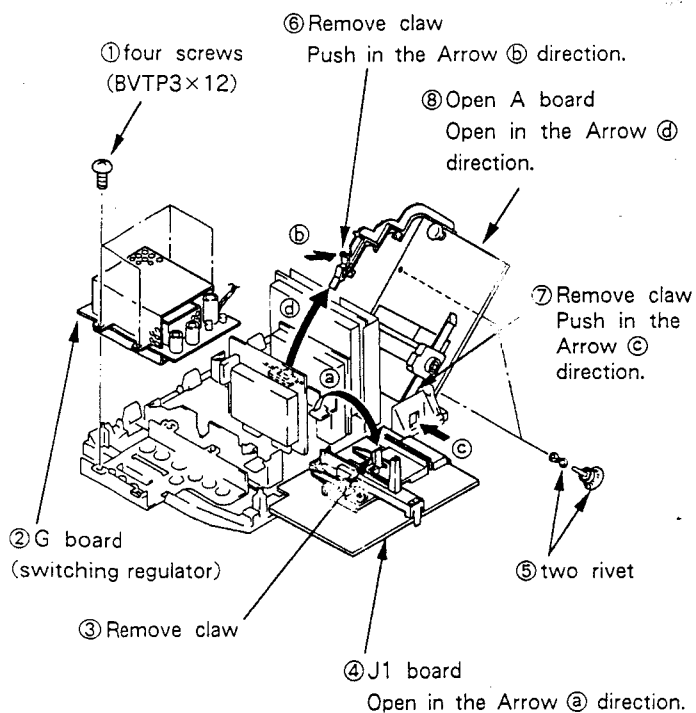
2-1. REAR COVER REMOVAL



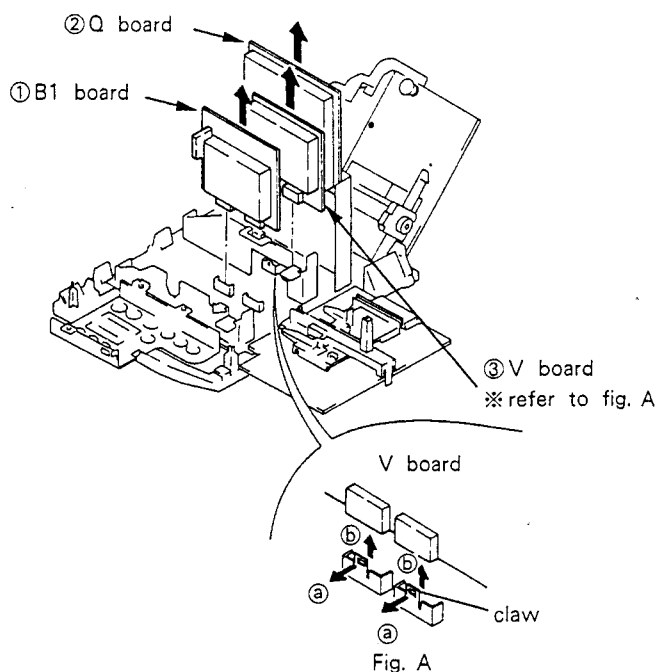
2-2. CHASSIS ASSY REMOVAL



2-3. G BOARD (SWITCHING REGULATOR) REMOVAL AND J1, A BOARDS OPENING



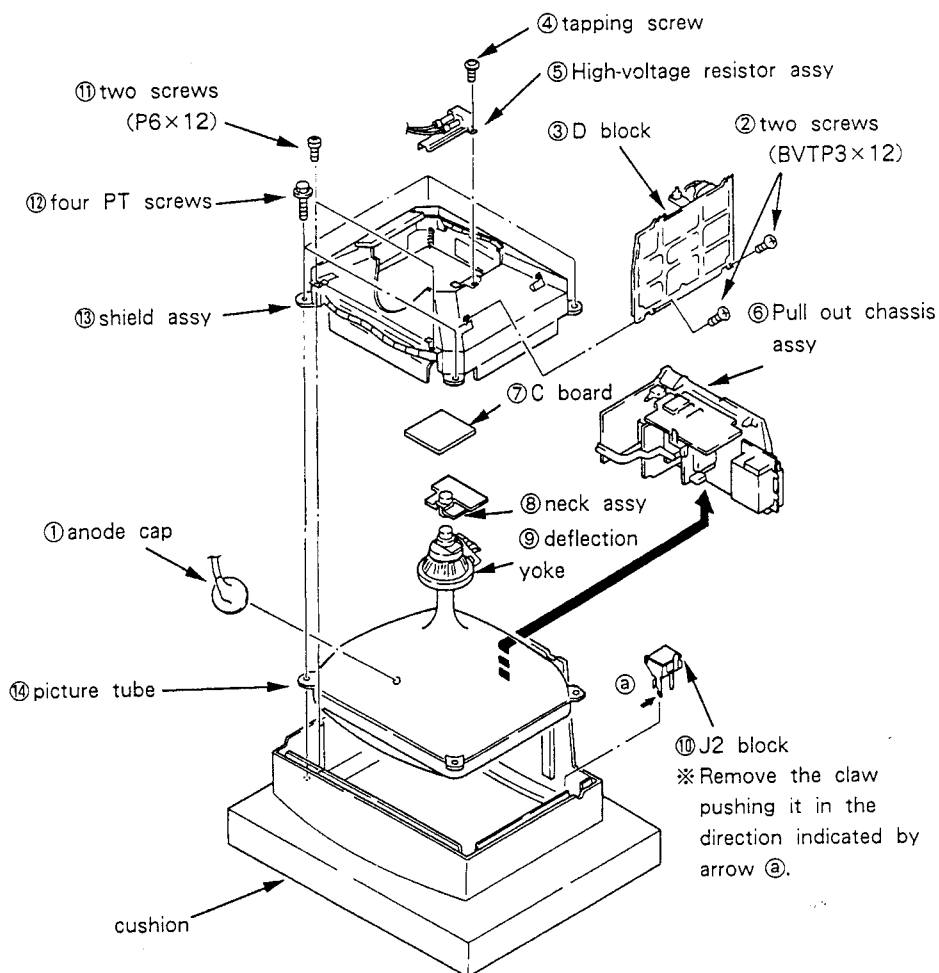
2-4. B1, Q AND V BOARDS REMOVAL



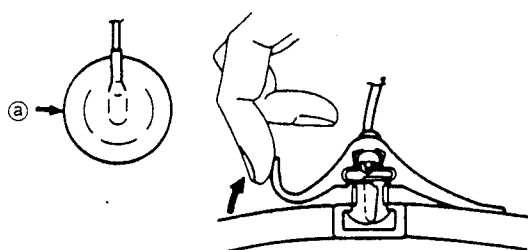
④ Pull out V board after removing the two claws on the connector holding V board in place in the direction indicated by arrow ③.

※ The operation must be performed after removal of board B1.

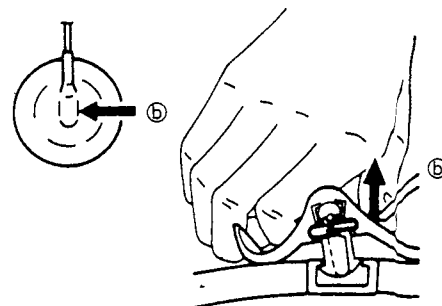
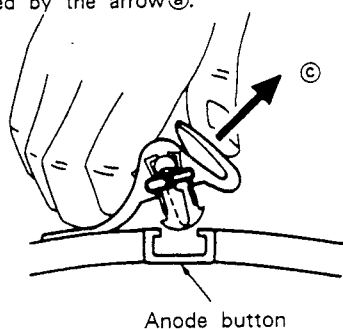
2-5. PICTURE TUBE REMOVAL



● Removing Procedures

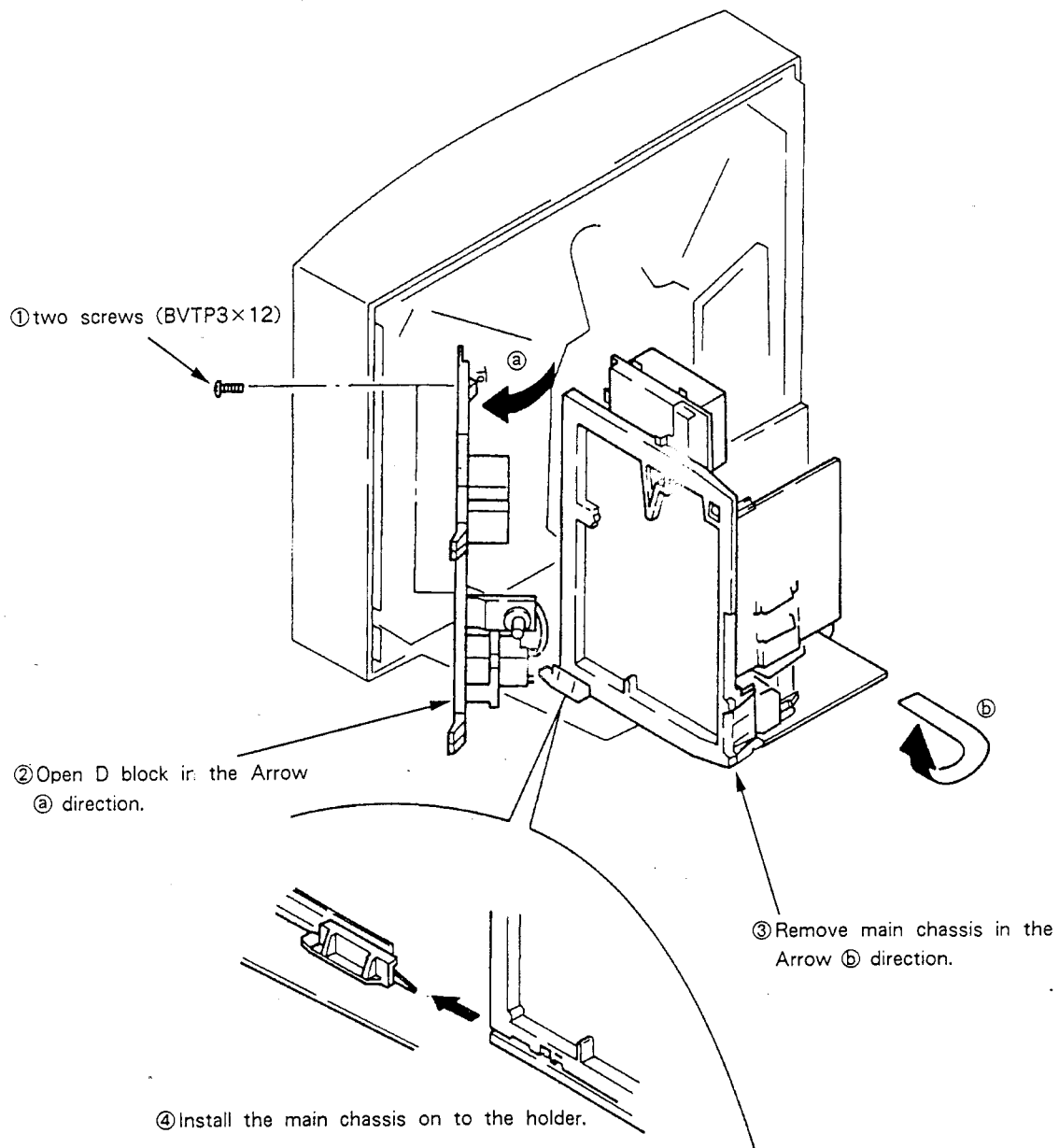


- ① Turn up one side of the rubber cap in the direction indicated by the arrow **a**.



- ② Using a thumb, pull up the rubber cap firmly in the direction indicated by the arrow **b**.
- ③ When one side of the rubber cap is separated from the anode button, the anode cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow **c**.

2-6. SERVICE POSITION



SET-UP ADJUSTMENTS

- The following adjustments should be made when a complete realignment is required or a new picture tube is installed.
- These adjustments should be performed with rated power supply voltage unless otherwise noted.

The control and switch below should be set as follows unless otherwise noted :

- CONTRAST control 80% (or Normal by Commander)
- ✱ BRIGHTNESS control 50%

Perform the adjustments in order as follows :

1. Beam Landing
2. Convergence
3. Focus
4. White Balance

Note : Test Equipment Required.

1. Color Bar/Pattern Generator
2. Degausser
3. DC Power Supply
4. Digital multimeter
5. Oscilloscope

Preparation

- Set the side of the unit with the PICTURE TUBE so that it faces east or west in order to reduce the influence of external magnetic force.
- Turn the power switch for the unit ON and erase the magnetic force using a degausser.

3-1. BEAM LANDING

1. Input a raster signal with the pattern generator.
 CONTRAST } normal
 BRIGHTNESS }
2. Turn the raster signal of the pattern generator to red.
3. Move the deflection yoke backward, and adjust with the purity control so that red is in the center and blue and green are at the sides, evenly. (Fig. 3-1 - 3-3)
4. Move the deflection yoke forward, and adjust so that the entire screen becomes red.(Fig. 3-1)
5. Switch over the raster signal to blue and green and confirm the condition.
6. When the position of the deflection yoke is determined, tighten it with a deflection yoke mounting screw.
7. When landing at the corners is not right, adjust by using the magnet.(Fig. 3-4)

Fig. 3-2

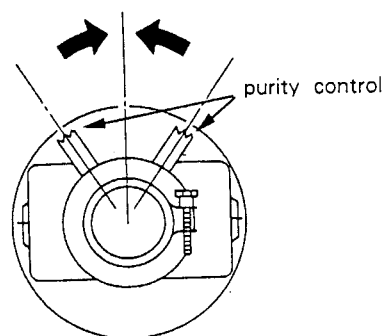


Fig.3-3

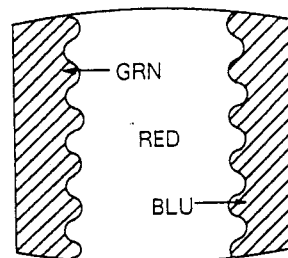


Fig.3-4

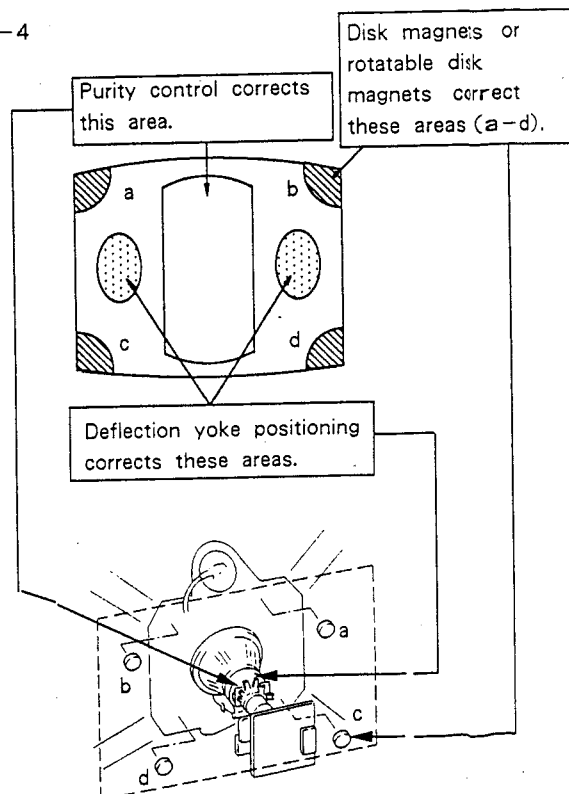
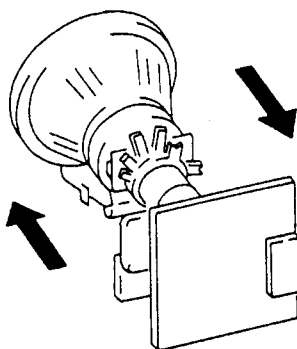


Fig.3-1

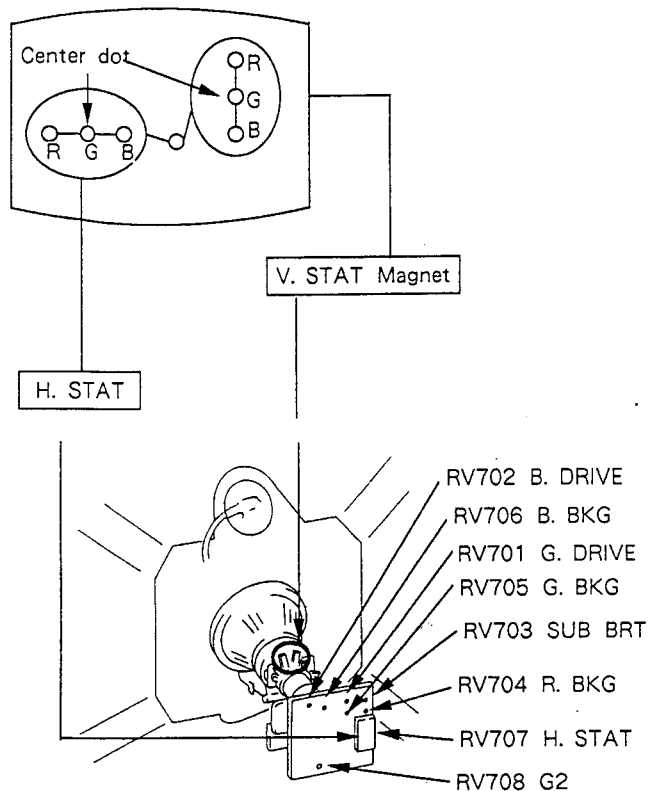


3-2. CONVERGENCE

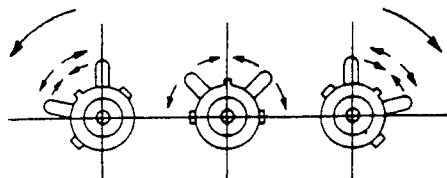
Preparation :

- Before starting, perform FOCUS, H. SIZE and V. SIZE adjustments.
- Set BRIGHTNESS control to minimum.
- Feed in the dot pattern.

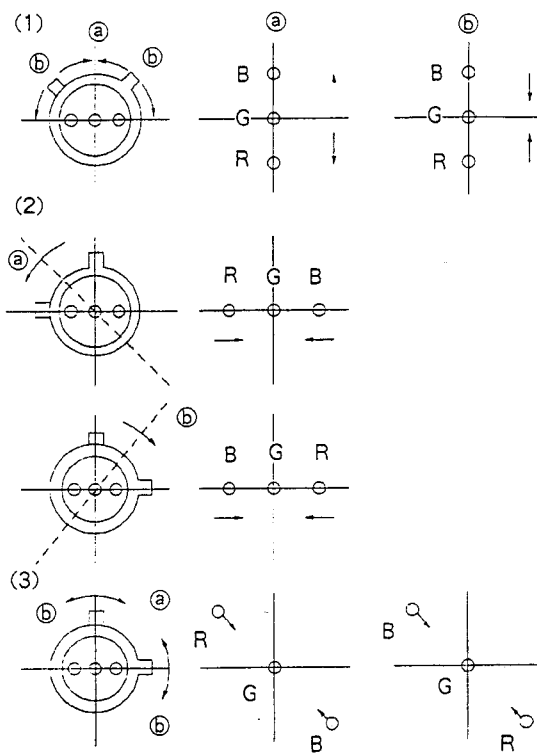
(1) Horizontal and Vertical Static Convergence



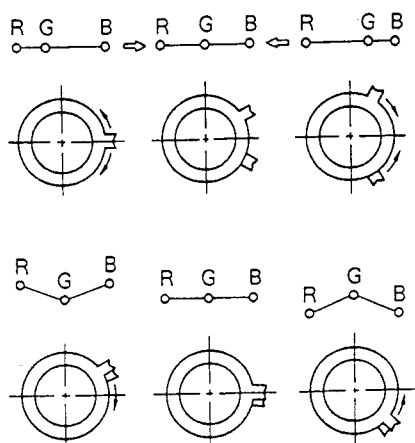
1. Adjust H. STAT VR to coincide red, green and blue dots on the center of screen. (Horizontal movement)
 2. Adjust V. STAT magnet to coincide red, green and blue dots on the center of screen. (Vertical movement)
 3. If the red, green and blue dots do not coincide on the center of screen with H. STAT VR, perform horizontal convergence adjustment using H. STAT VR and V. STAT magnet as shown below. (In this case, H. STAT VR and V. STAT magnet effect each other.)
- Tilt the V. STAT magnet and adjust static convergence to open or close the V. STAT magnet.



4. When the V. STAT magnet is moved in the direction of arrow (a) and (b), red, green and blue dots move as shown below.

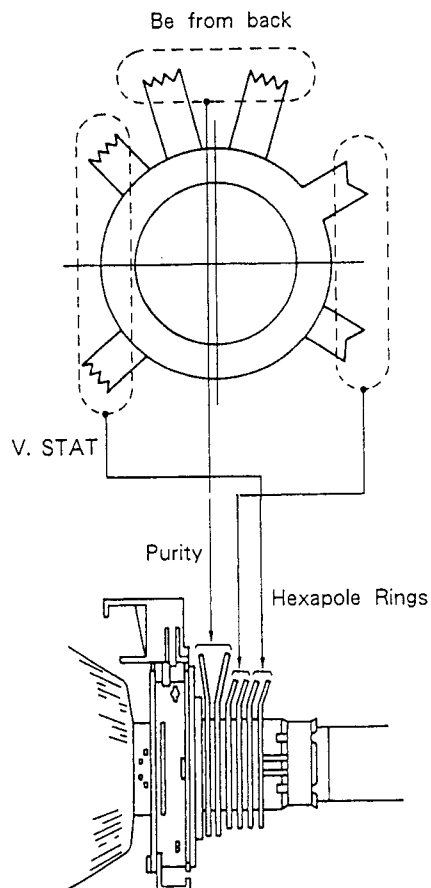


● Operation of Hexapole Ringed Magnet



The respective dot operations resulting from the operation of each magnet are not completely independent, so be sure to perform adjustment while tracking.

Use the H. STAT VR to adjust the red, green, and blue dots so they coincide at the center of screen (by moving the dots in the horizontal direction).



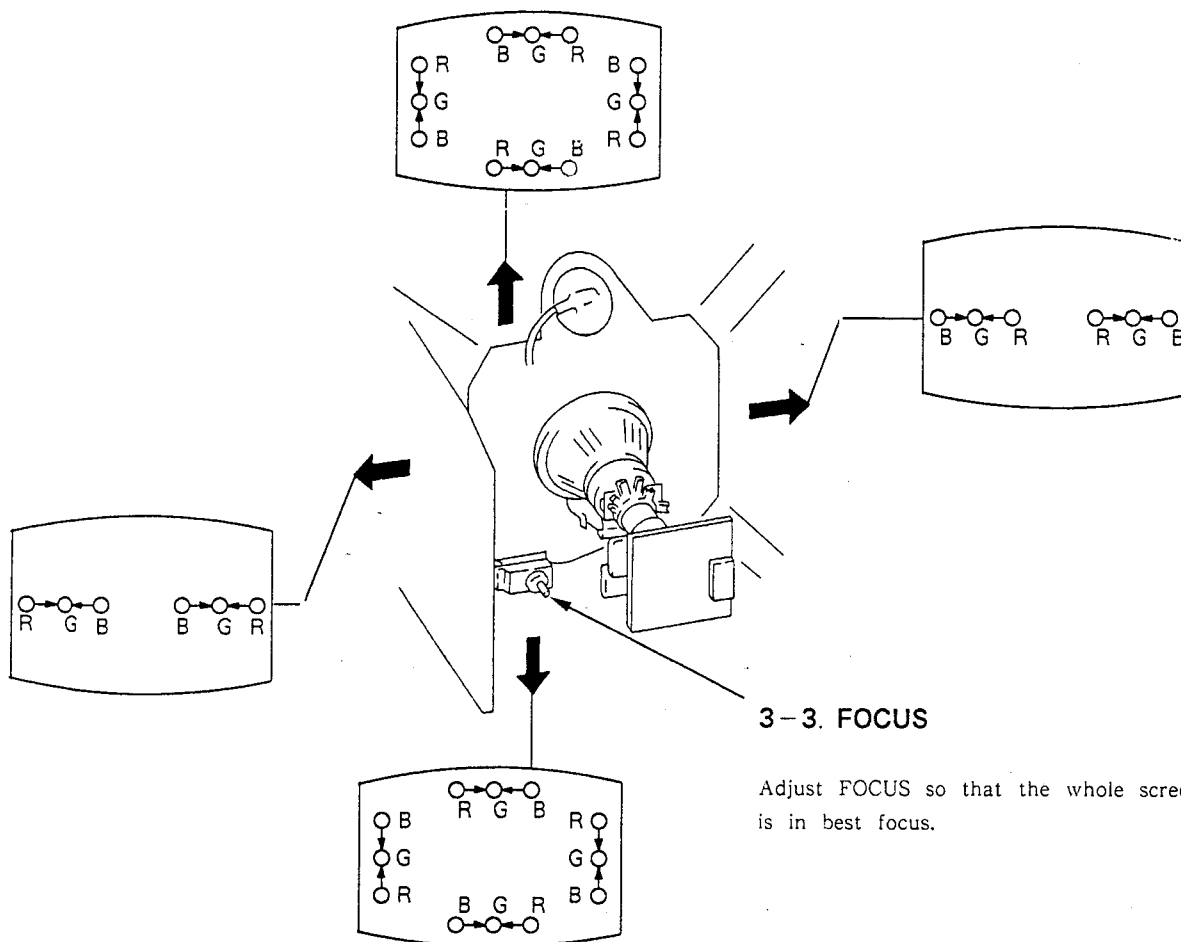
(2) Dynamic Convergence Adjustment

Preparation :

● Before starting, perform Horizontal and Vertical Static Convergence Adjustment.

1. Slightly loosen deflection yoke screw.
2. Remove deflection yoke spacers.

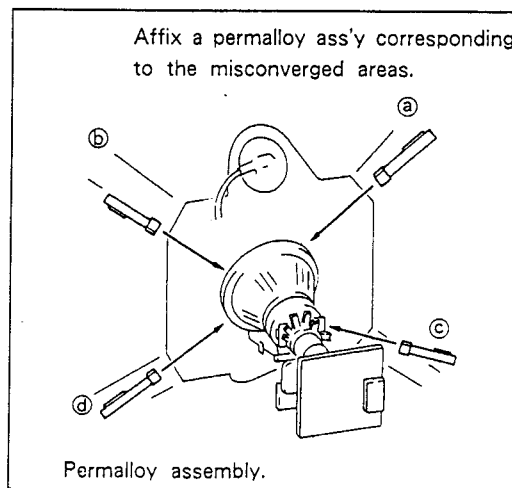
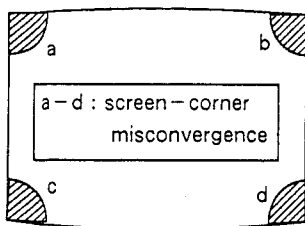
3. Move the deflection yoke for best convergence as shown below.
4. Tighten the deflection yoke screw.
5. Install the deflection yoke spacers.



3-3. FOCUS

Adjust FOCUS so that the whole screen is in best focus.

(3) Screen - corner Convergence



3-4. WHITE BALANCE

[Screen (G2) Setting]

1. Input dot signals.
2. Set the picture BRIGHTNESS control to the minimum level.
3. Apply 170 V dc to the cathodes of R, G, and B from an external power source.
4. While watching the picture, adjust the G2 volume (RV708) immediately before the fly-back line disappears.

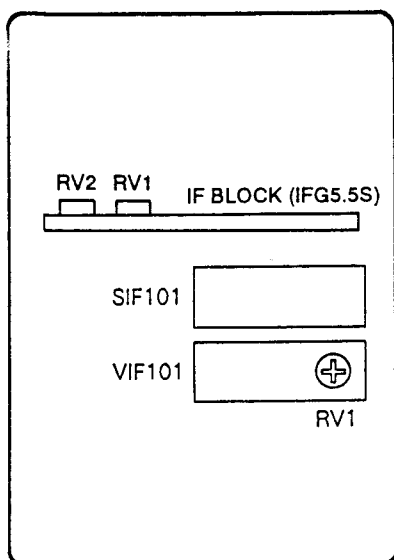
[White Balance Adjustment]

1. Input all-white signals.
2. Adjust the BRIGHTNESS and COLOR controls to the standard level.
3. Adjust the highlight W/B balance by turning the RV702 (B. DRIVE) and RV701 (G DRIVE). Also, adjust the cut-off W/B by turning RV706 (B-BKG), RV705 (G-BKG) and RV704 (R-BKG). Note that these two balances must be adjusted during tracking.

In the following adjustments, the CONTRAST, COLOR and BRIGHTNESS controls are set to normal unless otherwise specified.

SECTION 4 CIRCUIT ADJUSTMENTS

4-1. A BOARD ADJUSTMENTS



TUNER AGC Adjustment VIF101 (IFG389FS) RV1

1. Tune in an off-air signal.
2. Adjust RV1 so that snow-noise and cross-modulation just disappear from the picture.

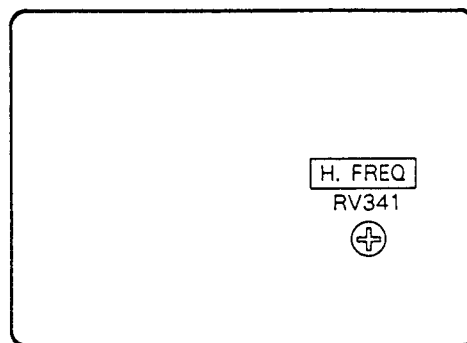
STEREO SEPARATION Adjustment IF BLOCK(IFG5.5S) RV1

1. Input stereo signal (L-CH 1kHz, R-CH 400Hz)
2. Check the stereo indicator.
3. Connect an oscilloscope to the pin ① (L) of CNA11 through band pass filter of 1kHz.
4. Adjust RV1 so that 1kHz voltage goes down to the minimum.

H. FREQ. Adjustment IF BLOCK (IFG5.5S)RV2

1. Input PAL COLOR pattern.
2. Short circuit between pin ⑫ of IC4 (TDA2595) and ground.
3. Connect frequency counter to the pin ⑥ through a probe of 10:1.
4. Adjust RV2 so that H. frequency becomes $15,625 \pm 50\text{Hz}$.

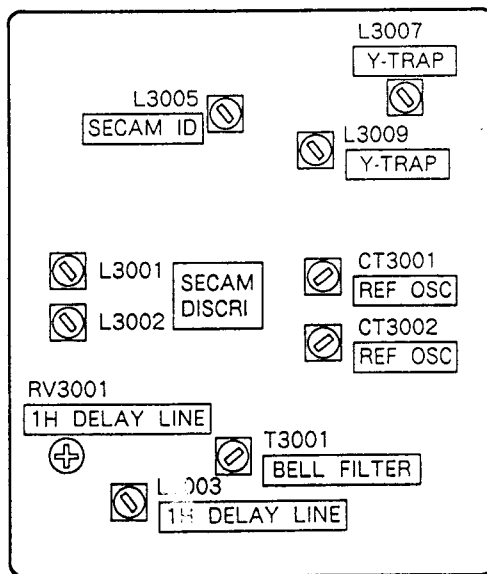
4-2. B BOARD ADJUSTMENTS



H. FREQ Adjustment (RV341)

1. Input a PAL COLOR BAR pattern.
2. Connect pin ⑫ of IC341 to the ground.
3. Connect the frequency counter to pin ⑥ using the 10:1 ratio probe.
4. Adjust RV341 so that frequency H becomes $15,625\text{kHz} \pm 50\text{Hz}$.

4-3. B1 BOARD ADJUSTMENTS



REF OSC Adjustment (CT3001, 4.43 MHz)

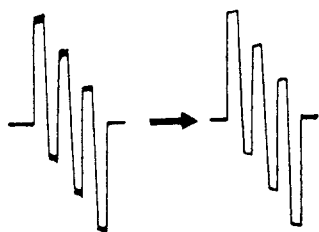
1. Input a PAL COLOR BAR pattern.
2. Short circuit between pin ⑪ of IC3001 and ground.
3. Adjust CT3001 to obtain color synchronization.
4. Remove the jumper wire from IC3001.

REF OSC Adjustment (CT3002, 3.58 MHz)

1. Input NTSC 3.58 COLOR BAR signal.
2. Short-circuit pin ⑪ of IC3001 and the ground.
3. Adjust CT3002 to obtain color synchronization.
4. Remove the jumper of IC3001.

1H DELAY LINE Adjustment (L3003, RV3001)

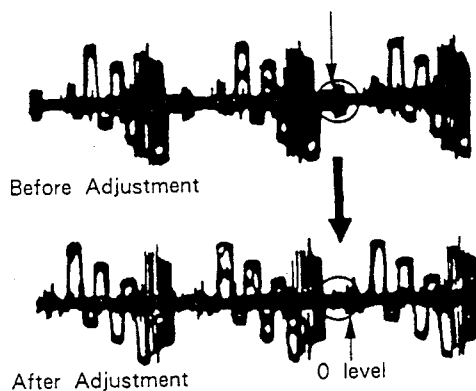
1. Input a PAL COLOR BAR pattern.
2. Connect the oscilloscope to pin ③ (B-Y) of IC3001 and observe the waveform of the H block on the oscilloscope.
3. Adjust L3003 to minimize the double waveform outline.



Before Adjustment After Adjustment

4. Input a PAL TEST COLOR BAR pattern.
5. Rotate the RV3001 and adjust till the ANT PAL part of the waveform matches the 0 level.

This part matches the 0 level.



After Adjustment

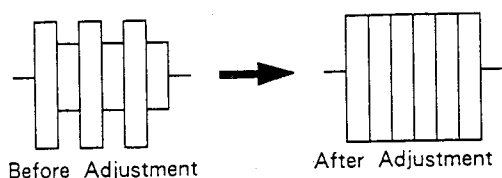
6. L3003 and RV3001 affect each other, so repeat till the conditions of both are met.

SECAM ID Adjustment (L3005)

1. Input SECAM COLOR BAR signal.
2. Connect a Digital Multi-meter at pin ②① of IC3001.
3. Adjust L3005 so that the indicator goes up to the maximum.

BELL FILTER Adjustment (T3001)

1. Input SECAM COLOR BAR pattern.
2. Connect an oscilloscope to the Q3002 emitter.
3. Adjust T3001 so that the waveform becomes flat.

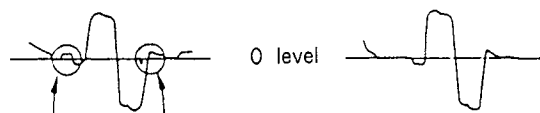


Before Adjustment

After Adjustment

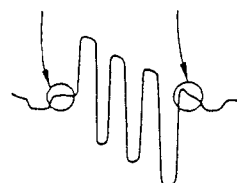
SECAM DISCRI Adjustment (L3002 (R-Y), L3001 (B-Y))

1. Input SECAM COLOR BAR pattern.
2. Connect an oscilloscope at pin ① of IC3001.
3. Adjust L3002 (R-Y) so that white and black part of the waveform of pin ① becomes 0 level.
4. Connect an oscilloscope at pin ③ of IC3001.
5. Adjust L3001 (B-Y) so that white and black part of the waveform of pin ③ becomes 0 level.



(white part) (black part)

(white and black levels should become 0 level)



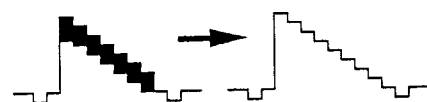
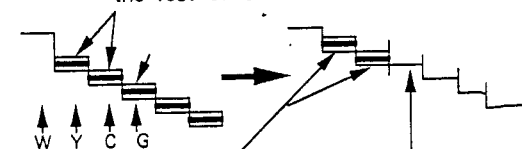
(Before Adjustment)



(After Adjustment)

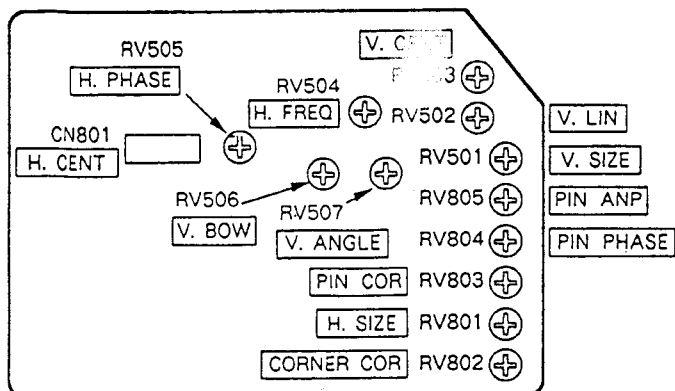
Y TRAP (L3007 4.25 MHz, L3009 4.43 MHz)

1. Input PAL COLOR BAR pattern.
2. Connect the oscilloscope to the Y-OUT terminal of CNB32 pin ③ to display the waveform for the H portion.
3. Adjust L3009 to minimize the CARRIER level.
4. Convert the input signal into NTSC COLOR BAR pattern.
5. Cancel the forced PAL MODE and set the forced NTSC MODE.
6. Adjust L3007 while observing if the signal portions for the CARRIER level for DR (3.58 MHz).

a. Before adjustment b. After adjustment
the rest of 3.58MHz CARRIER

c. The level for the Yellow and cyan portions do not match up. d. Match up the residual CARRIER level.

4-4. D BOARD ADJUSTMENTS



H. FREQ Adjustment (RV504)

1. Input PAL COLOR BAR.
2. Connect 100/16 chemical condenser between pin ① of IC501 and the GND.
3. Connect the frequency counter probe to C824.
4. Adjust RV504 so that $31.25\text{kHz} \pm 50\text{Hz}$ is obtained for 2H the frequency.

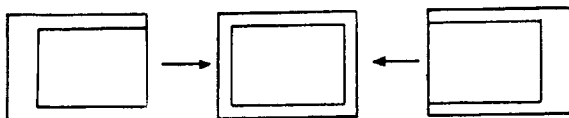
RV501

V. SIZE (VERTICAL SIZE)



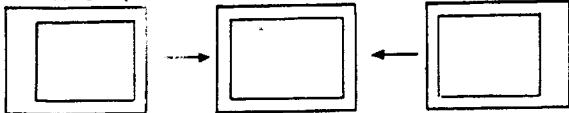
CN801

H. CENT (HORIZONTAL CENTER)



RV505

H. PHASE (HORIZONTAL PHASE)



RV801

H. SIZE (HORIZONTAL SIZE)



RV503

V. CENT (VERTICAL CENTER)



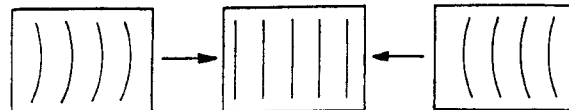
RV507

V. ANGLE (VERTICAL ANGLE)



RV506

V. BOW (VERTICAL BOW)



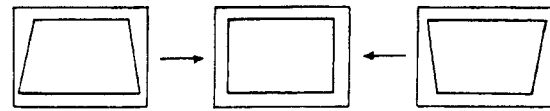
RV805

PIN AMP (PINCUSHION AMPLIFIER)



RV804

PIN PHASE (PINCUSHION PHASE)



RV803

PIN COR (PINCUSHION CORRECT)



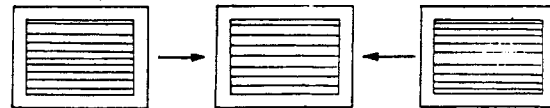
RV802

CORNER COR (CORNER CORRECT)

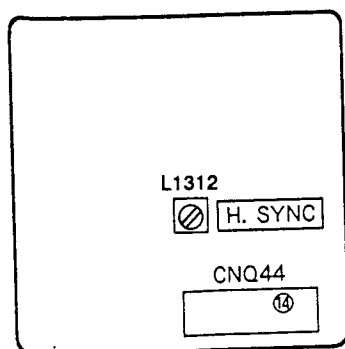


RV502

V. LIN (VERTICAL LINEARITY)

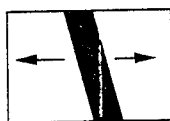


4-5. Q BOARD ADJUSTMENT



H. FREQ Adjustment

1. Input PAL COLOR BAR pattern.
2. Connect pin ⑭ of CNQ44 (H SYNC) to the GND.
3. Turn the core of L1312 to adjust the position where the screen flows slowly.



4-6. V BOARD ADJUSTMENTS

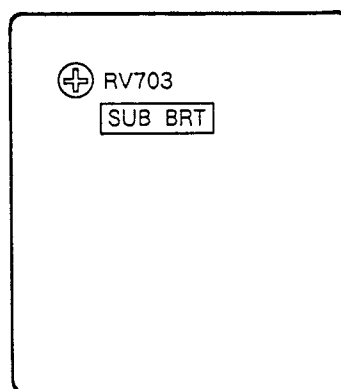
Clock Adjustment (CT01)

1. Disconnect the pins ② and ③ of CNV41.
2. Set up the TELE TEXT mode.
3. Adjust CT01 to stop pictures from scrolling.

RGB Level Adjustment (RV01)

1. Set PICTURE to maximum.
2. Adjust RV01 till the RGB output becomes maximum.

4-7. SUB BRT ADJUSTMENTS (C BOARD)



SUB BRIGHTNESS Adjustment

1. Receive and display a TEST COLOR BAR pattern.
2. Push → • ← on the remote commander to invoke the normal state. Set ③ COLOR control and PICTURE control to minimum.
3. Reduce the ① CONTRAST to the minimum level.
4. Adjust the SUB BRIGHTNESS RV703 until the 0 IRE of the gray scale becomes completely cut off, and the 20 IRE becomes barely luminous.

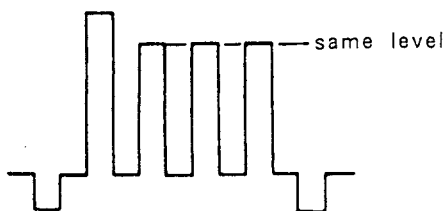
Where no TEST COLOR BAR pattern is available.

1. Display a COLOR BAR pattern.
2. Push → • ← on the remote commander to invoke the normal state. Set ③ COLOR control and PICTURE control to minimum.
3. 20 IRE is close to blue, so adjust the SUB BRIGHTNESS RV703 till blue is faintly luminous.

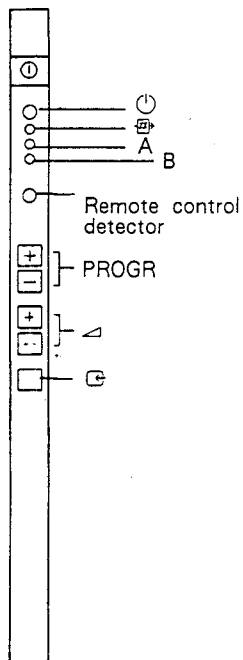
SUB COLOR Adjustment

1. Display a COLOR BAR pattern.
2. Push → • ← on the remote commander to invoke the normal state.
3. Turn off the power supply.
4. Turn on the power supply while pushing the VOL + and VOL - buttons on the unit.

5. Adjust the COLOR control until the B out (pin ④ of CNC33 connector on C board) waveform becomes as shown below.

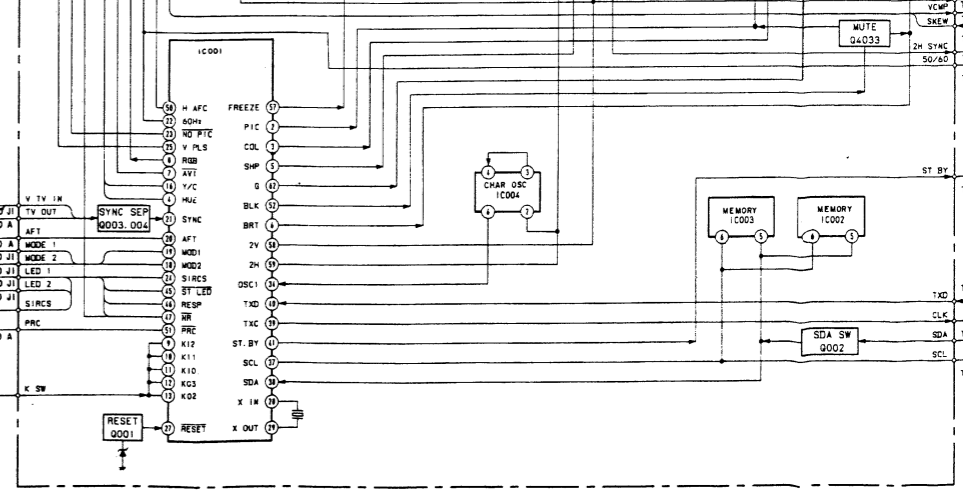
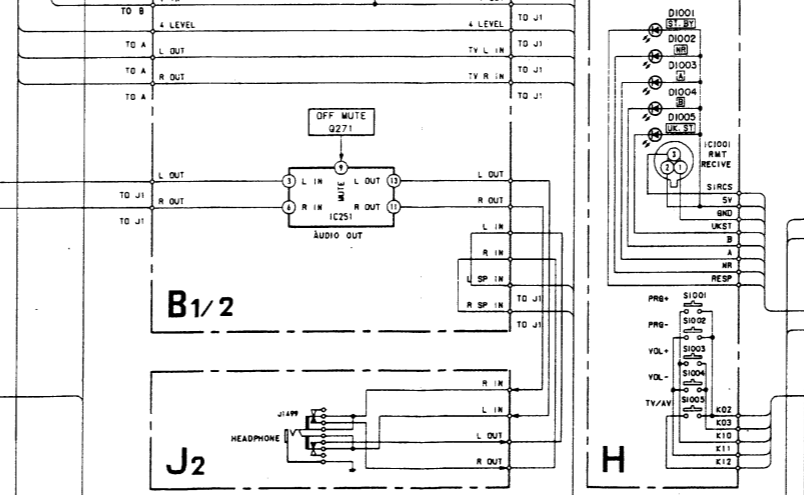
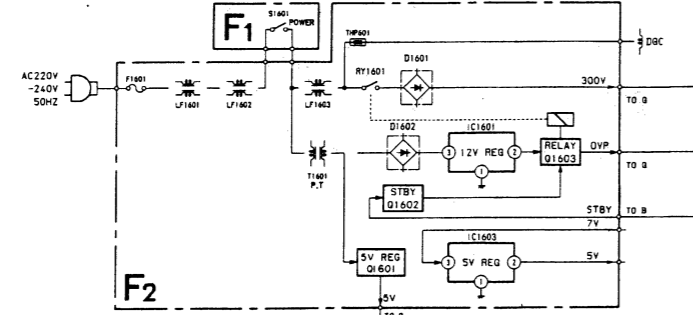
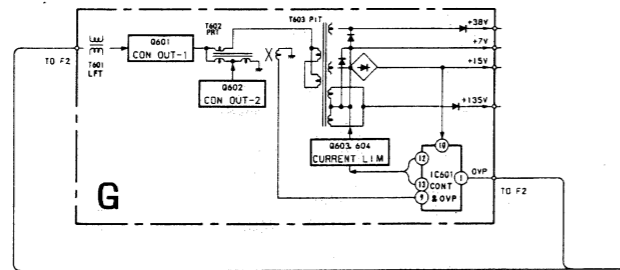
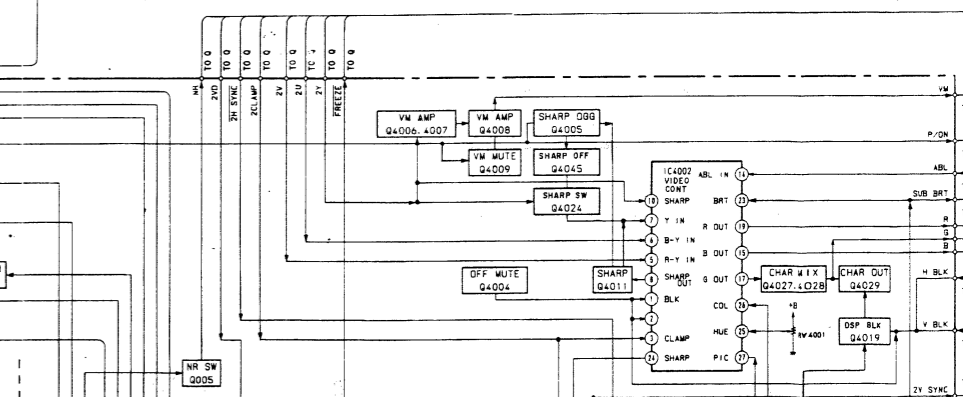
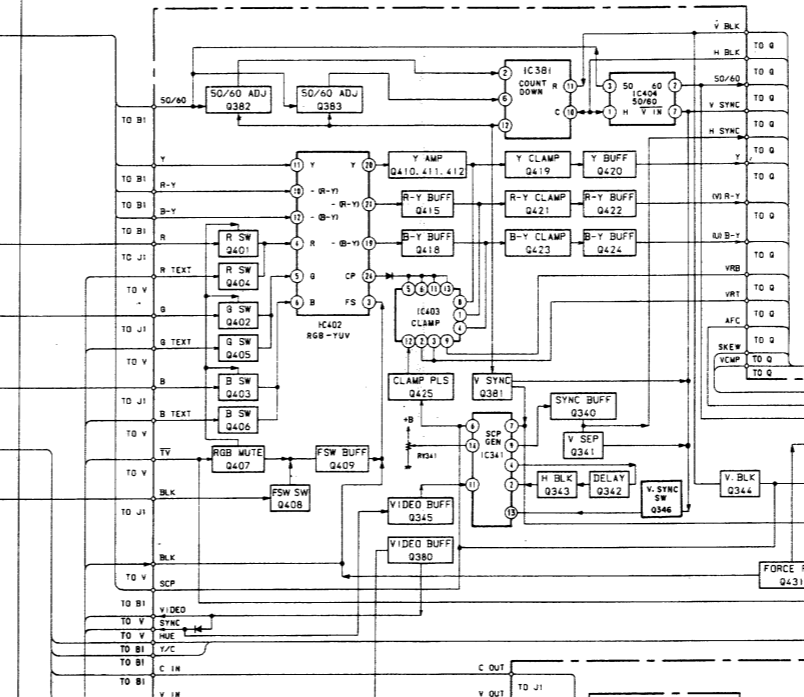
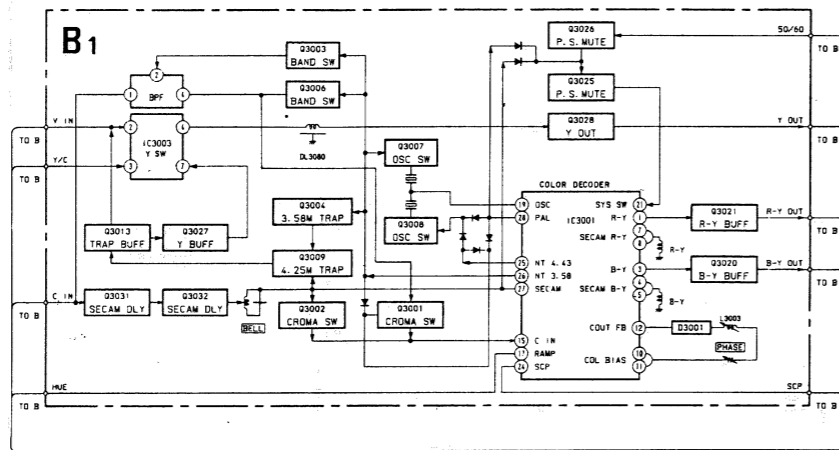
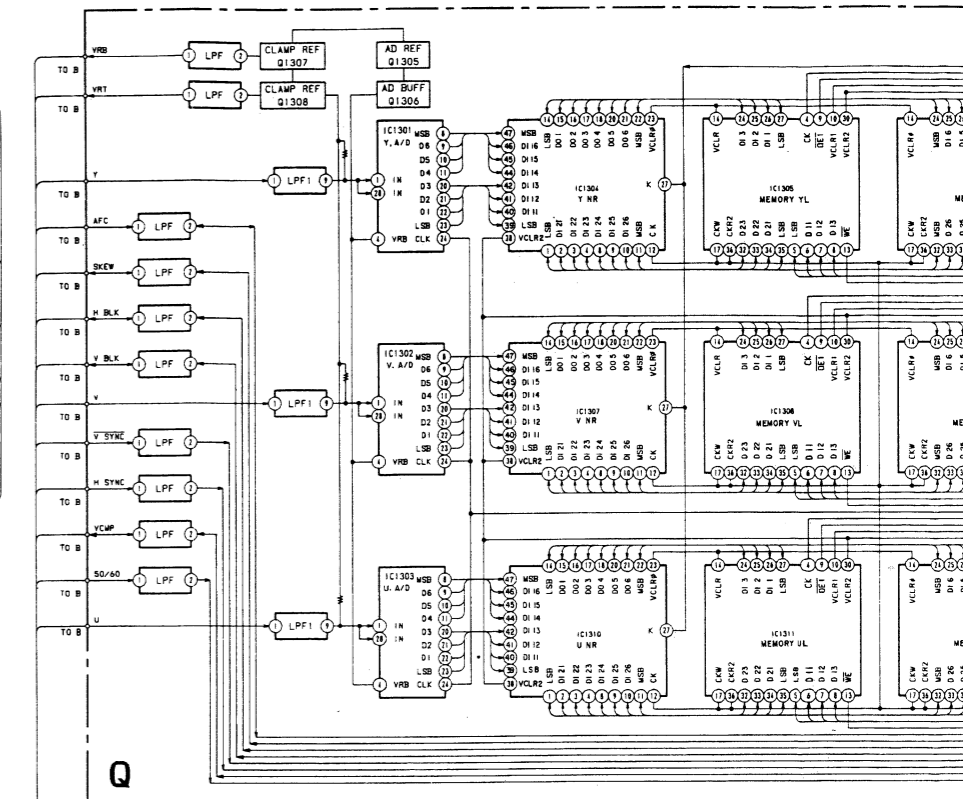
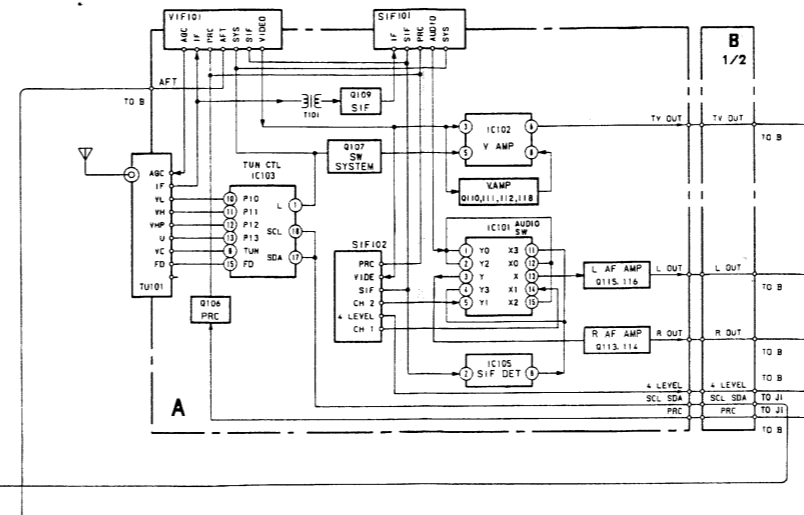
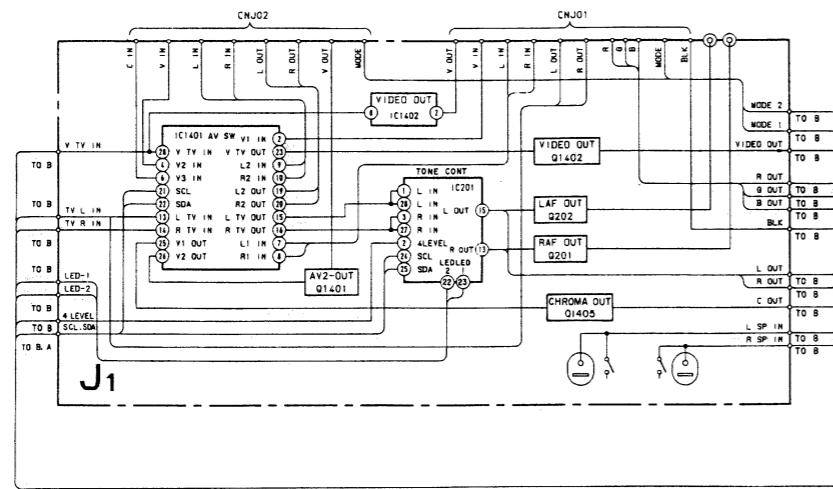


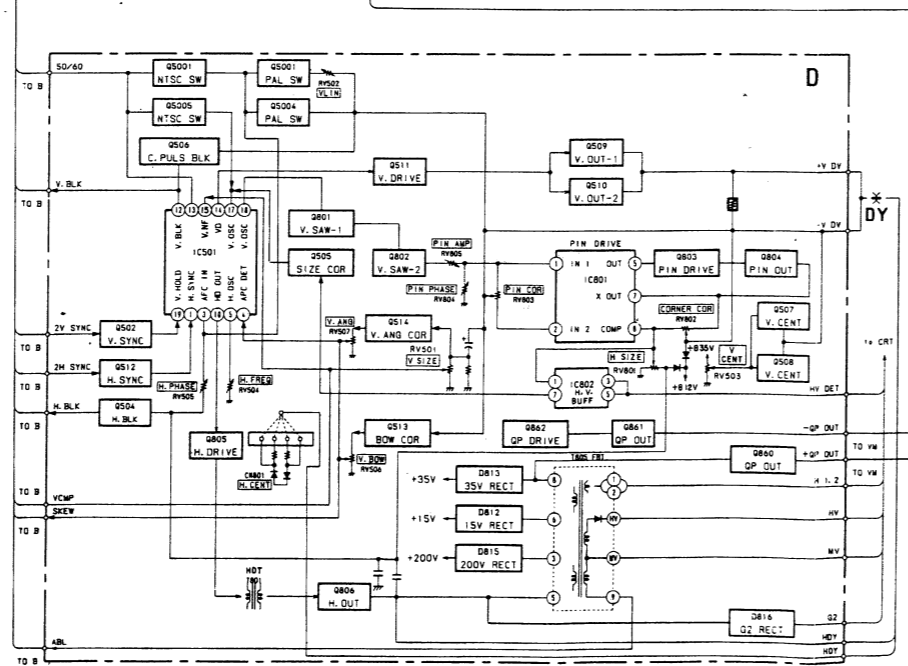
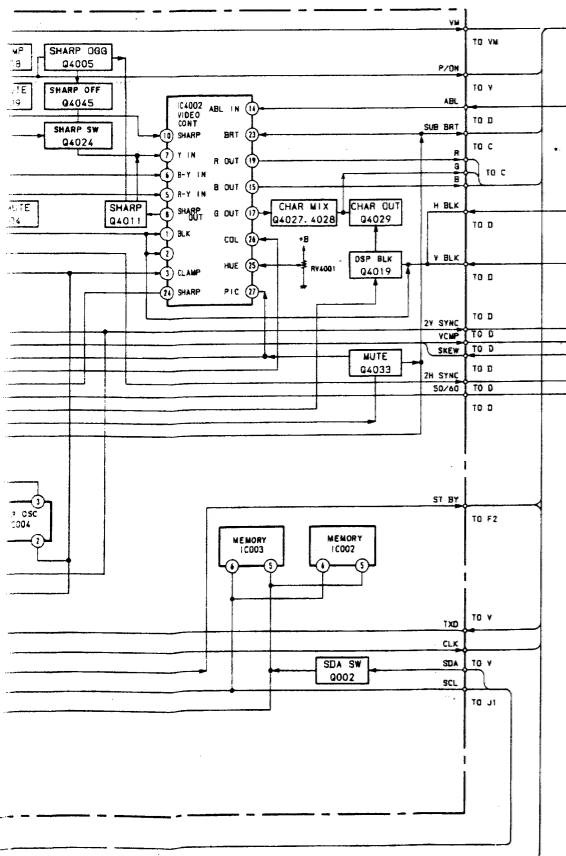
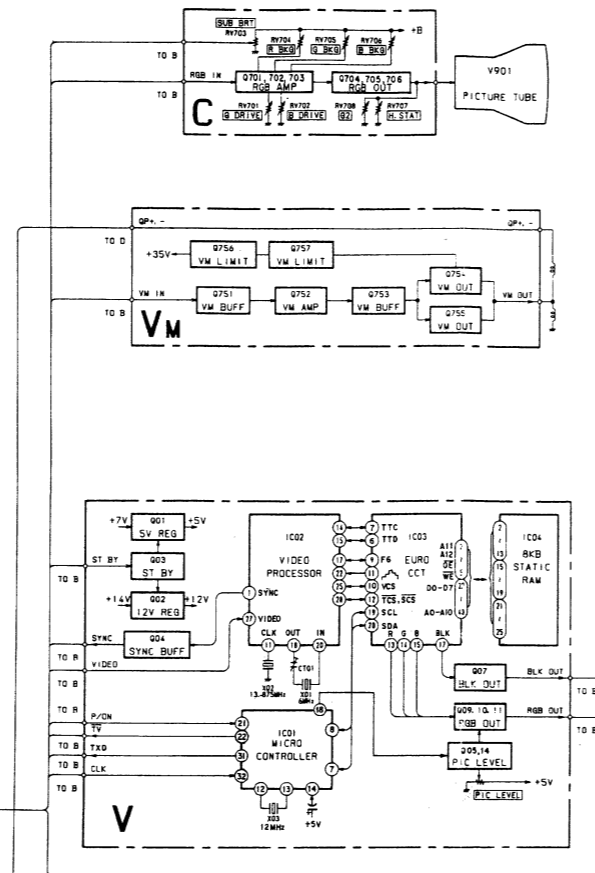
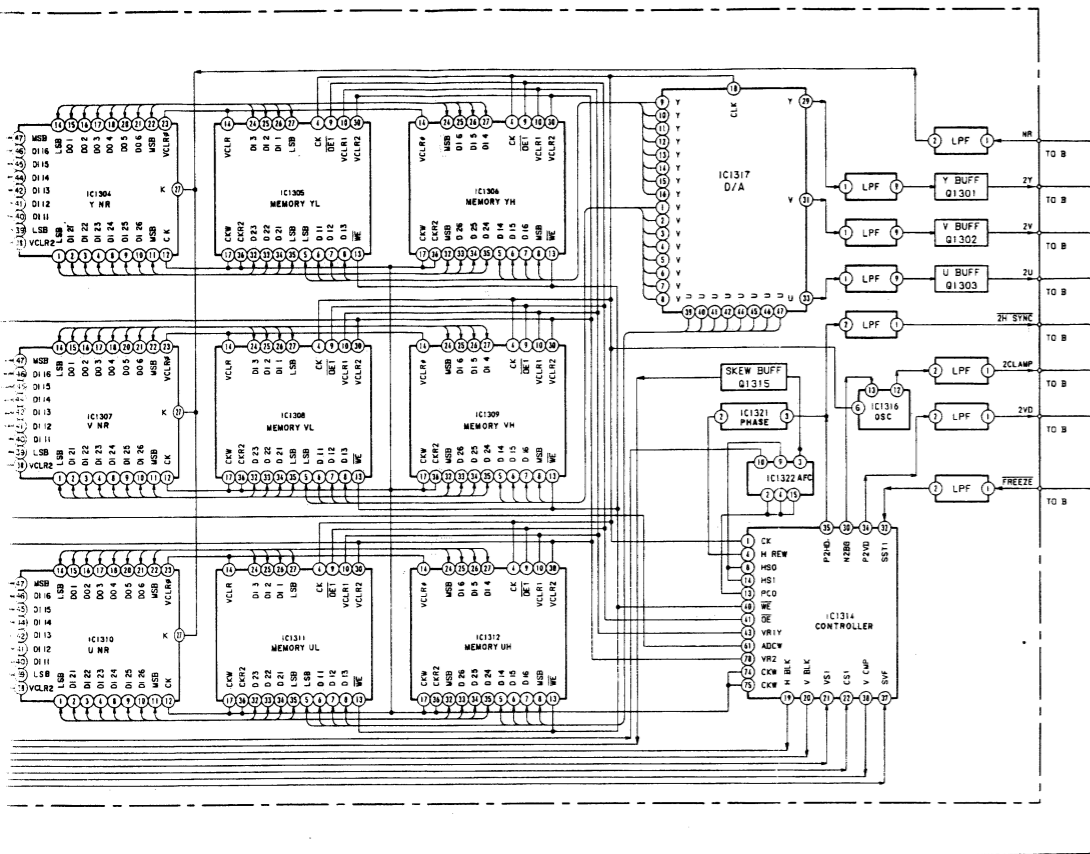
6. Push the STORE button on the remote commander. (SUB mode is cleared.)
- * When Step 4 is executed correctly, SUB (SUB mode) is displayed at the upper right of the display. As S (SUB mode) is displayed only for 30 seconds, perform the adjustment within 30 seconds, or repeat from Step 4.



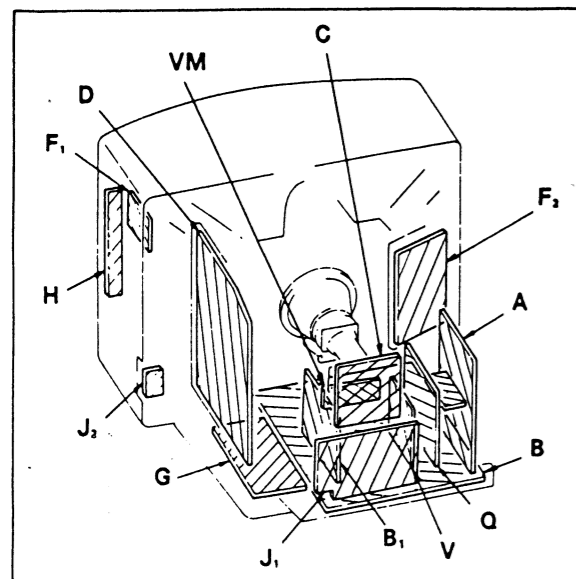
SECTION 5 DIAGRAMS

5-1. BLOCK DIAGRAM





5-2. CIRCUIT BOARDS LOCATION



- All voltages are in V.
- Readings are taken with a 10M Ω digital multimeter.
- Readings are taken with a color-bar signal input.
- Voltage variations may be noted due to normal production tolerances.
- — : B + line.
- — : signal path.

Reference information

RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
	: RW	NONFLAMMABLE WIREWOUND
COIL	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ALB	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

5-3. SCHEMATIC DIAGRAMS AND
PRINTED WIRING BOARDS — Conductor Side —

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par une trame et par une marque Δ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

Note :

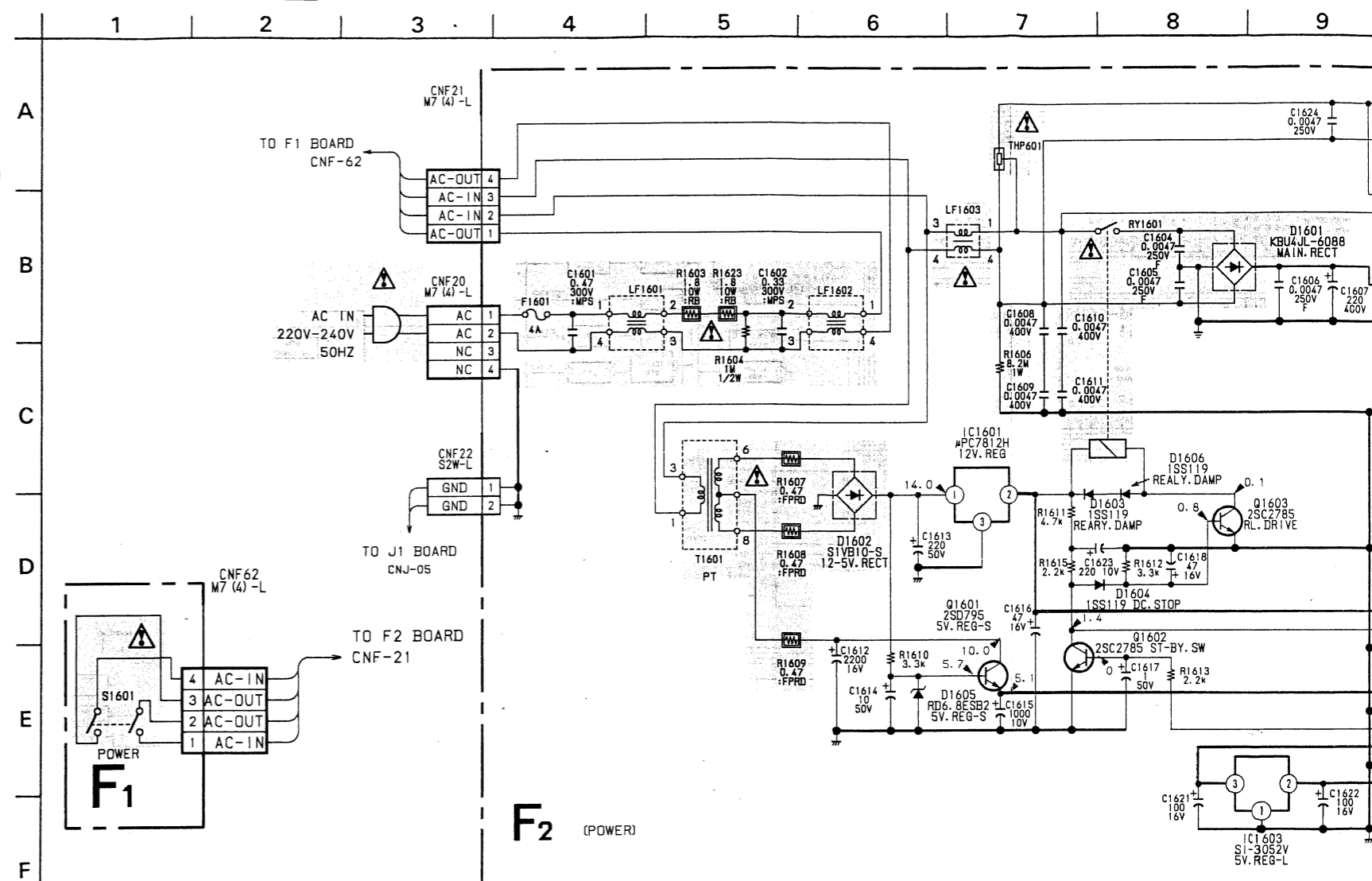
- All capacitors are in μ F unless otherwise noted.
 μ F : μ F 50WV or less are not indicated except for electrolytics.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm

Rating electrical power : 1/4W

- Chip resistor is in 1/10W.
- All resistors are in ohms. k Ω = 1000 Ω , M Ω = 1000k Ω
- \square : nonflammable resistor.
- \square : fusible resistor.
- Δ : internal component.
- \square : panel designation.
- \square : adjustment for repair.
- All variable and adjustable resistors have characteristic curve B unless otherwise noted.

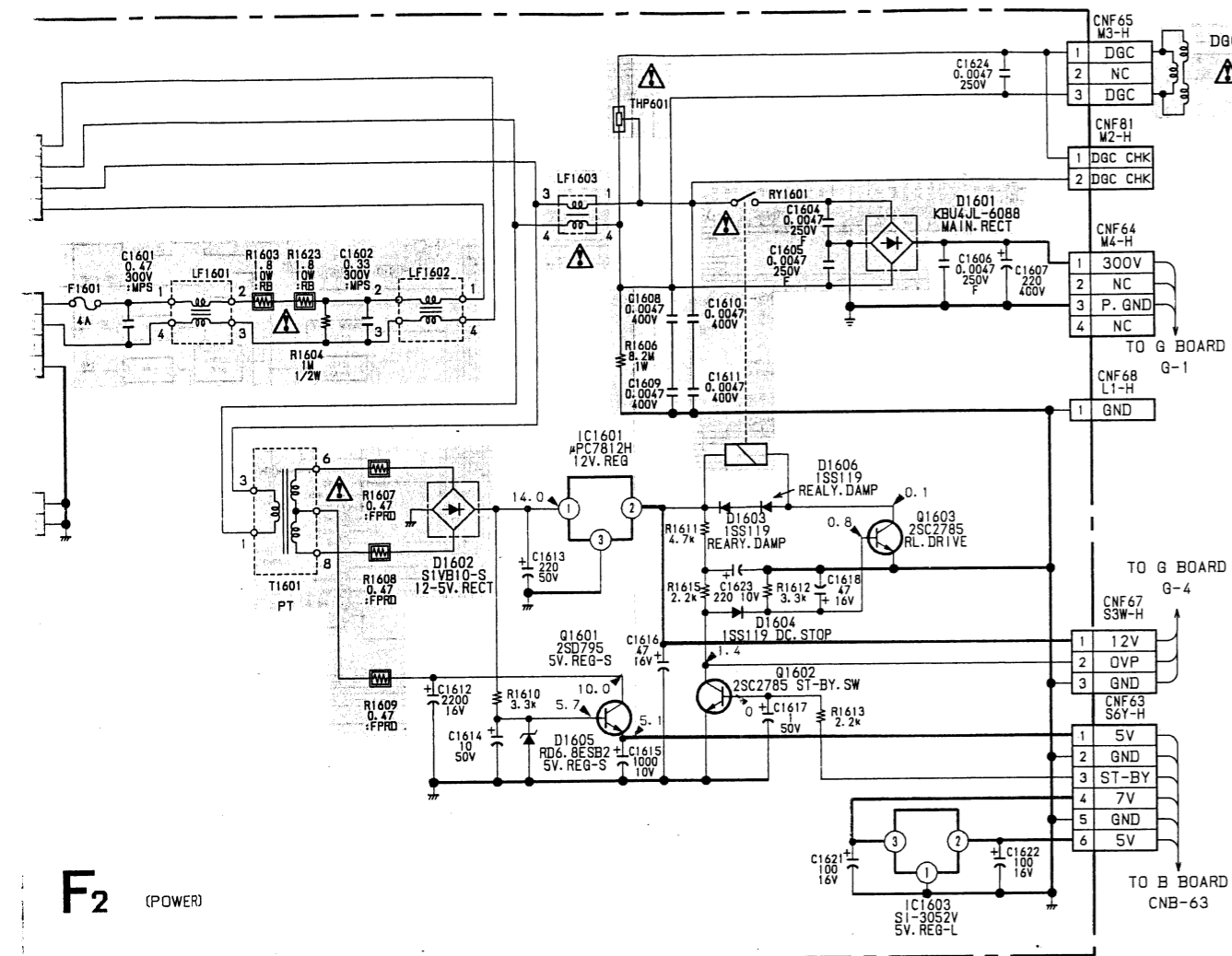
F1 (POWER) F2 (POWER)



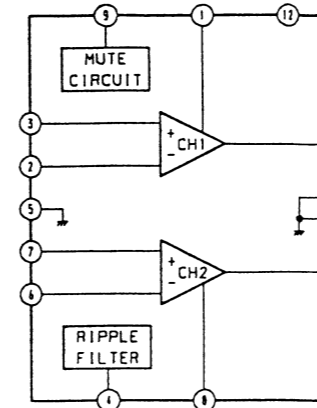
B

(COMMANDER CTL R. G. B. OUT, AF OUT)

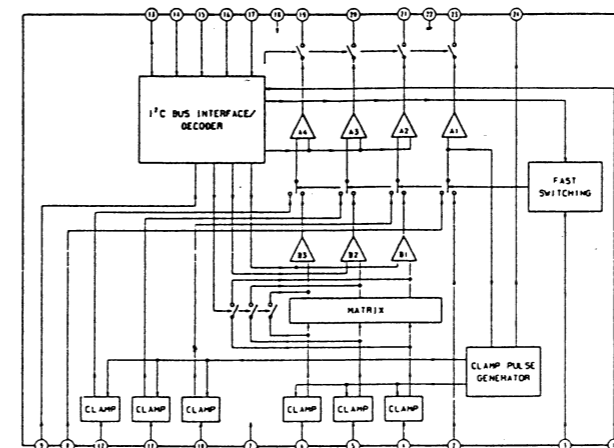
4 5 6 7 8 9



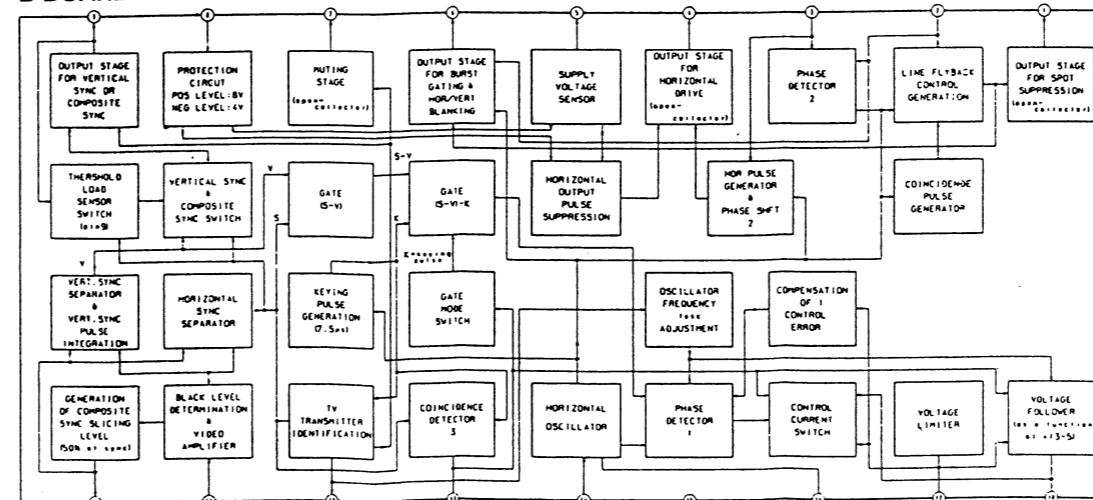
B BOARD IC251 LA4280



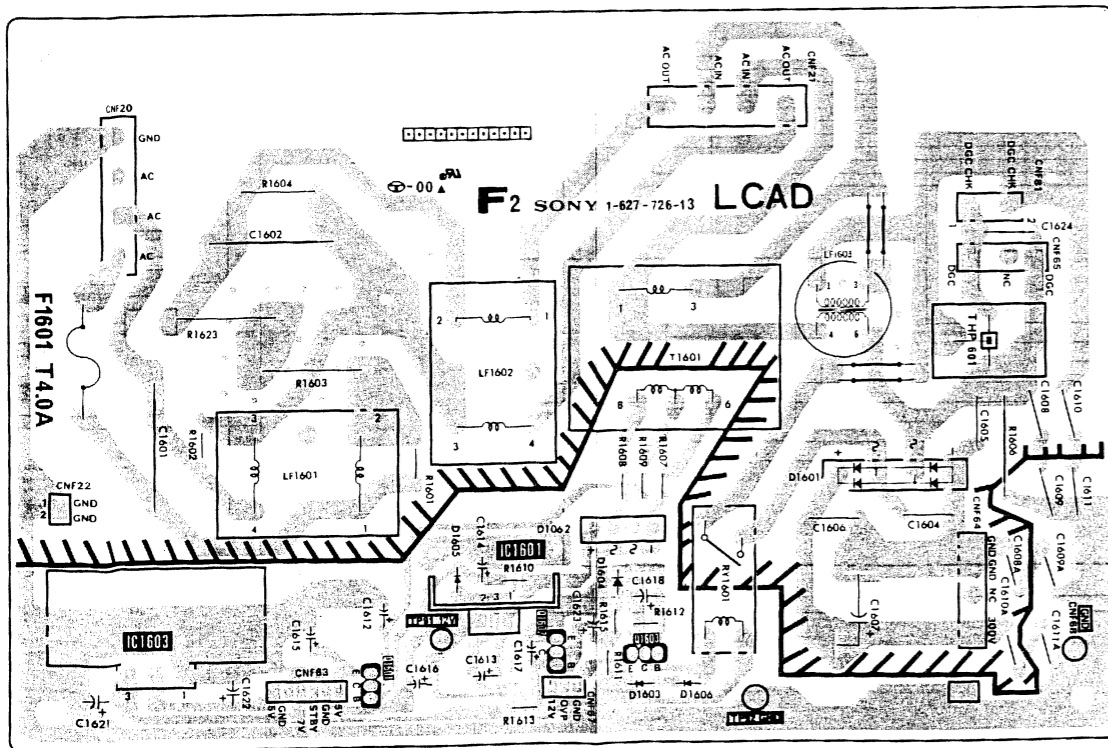
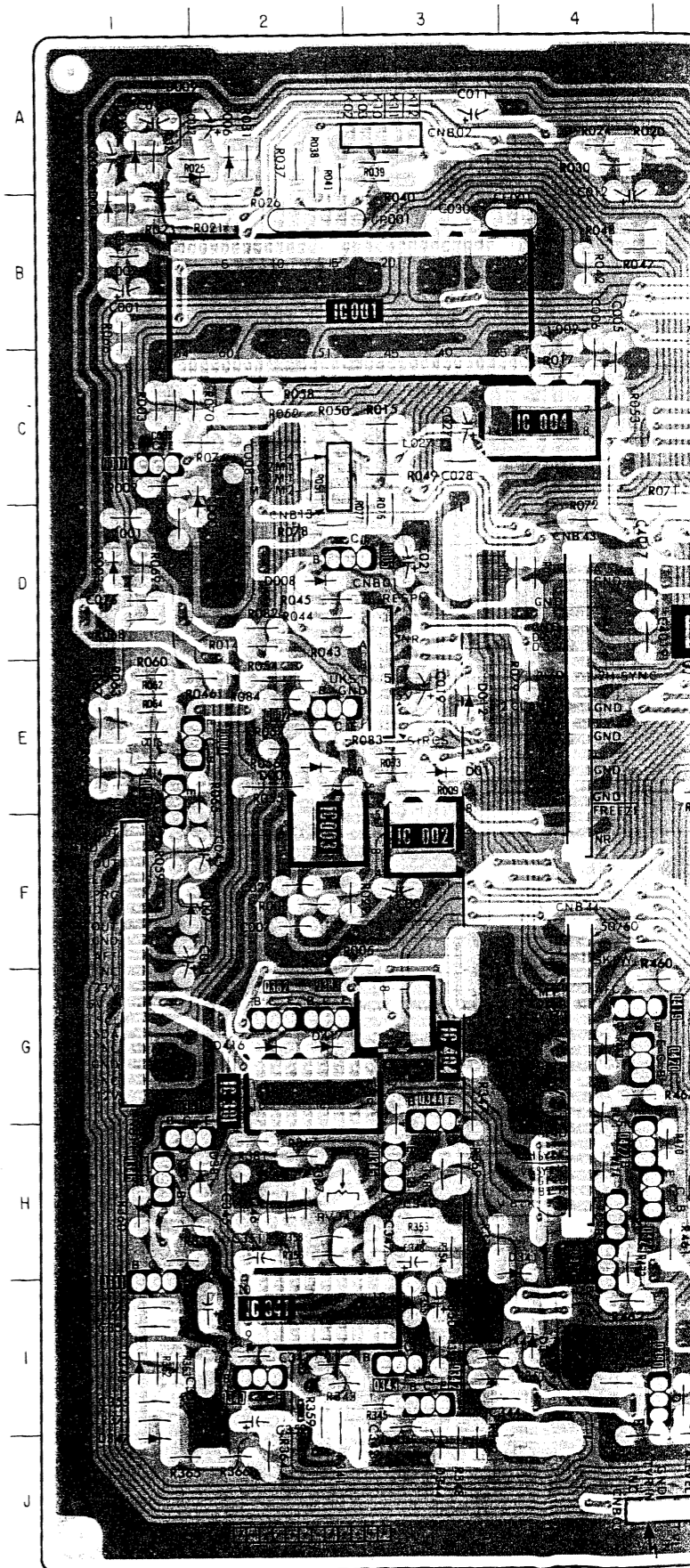
B BOARD IC402 TDA8443A



B BOARD IC341 TDA2595-V7



— B Board —



KV-FX2921B
RM-698/SS-XT291

KV-FX2921B
RM-698/SS-XT291

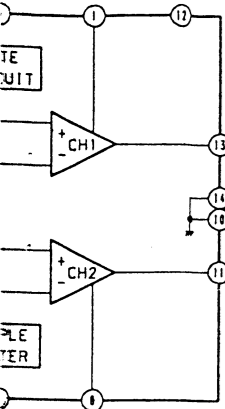
B

(COMMANDER CTL R. G. B. OUT, AF OUT)

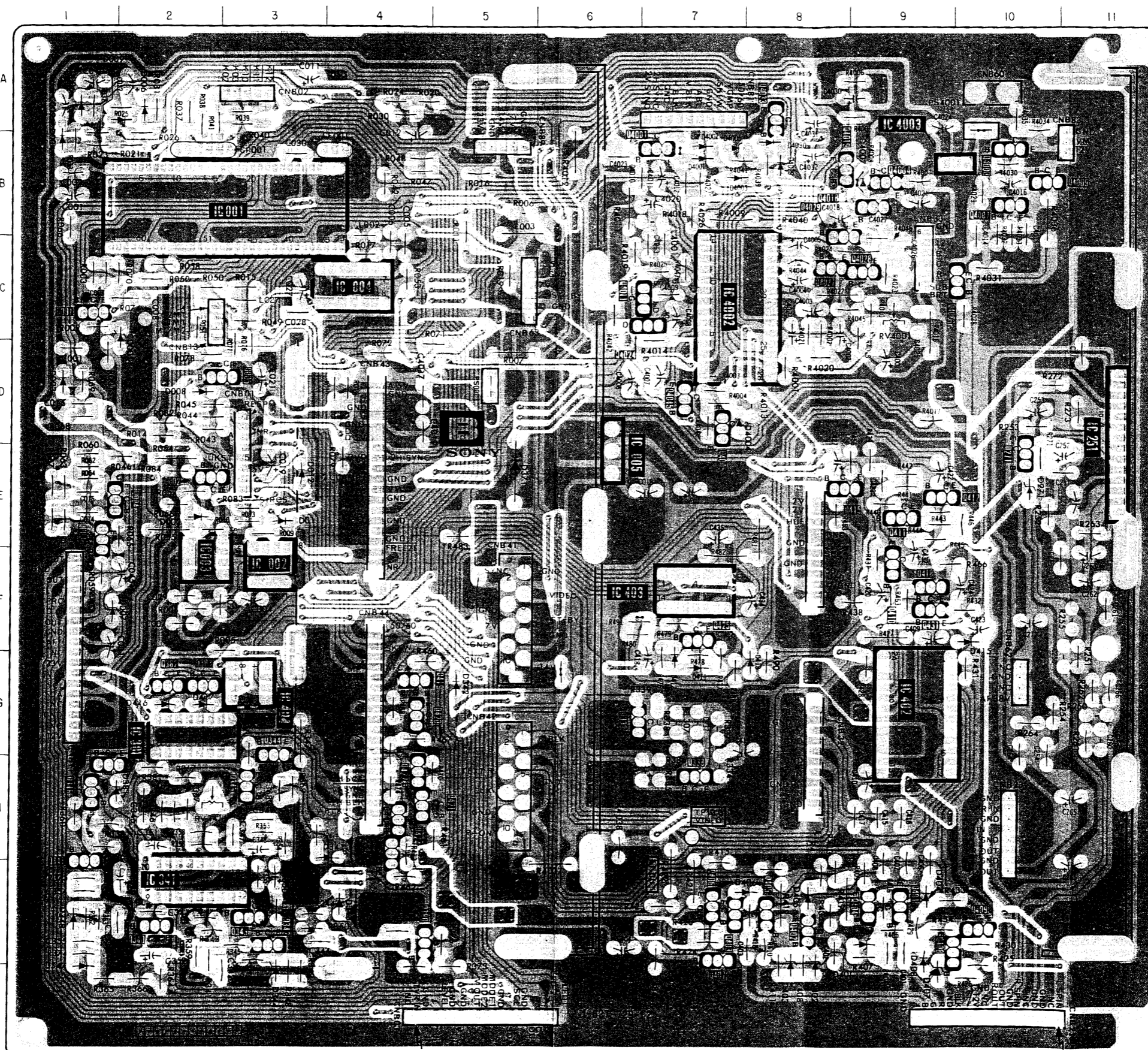
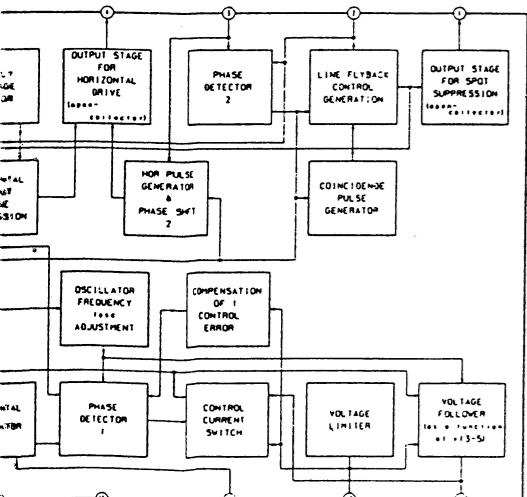
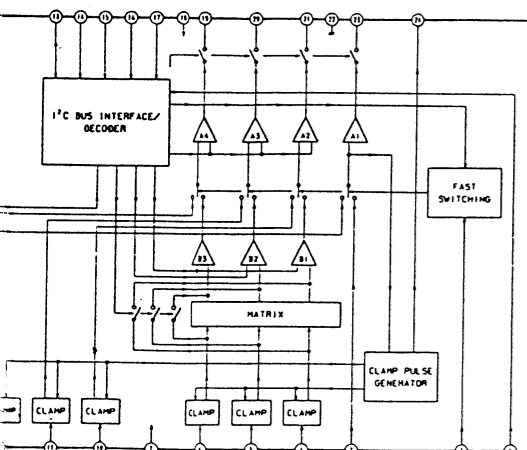
- Conductor side pattern
- Component side pattern

— B Board —

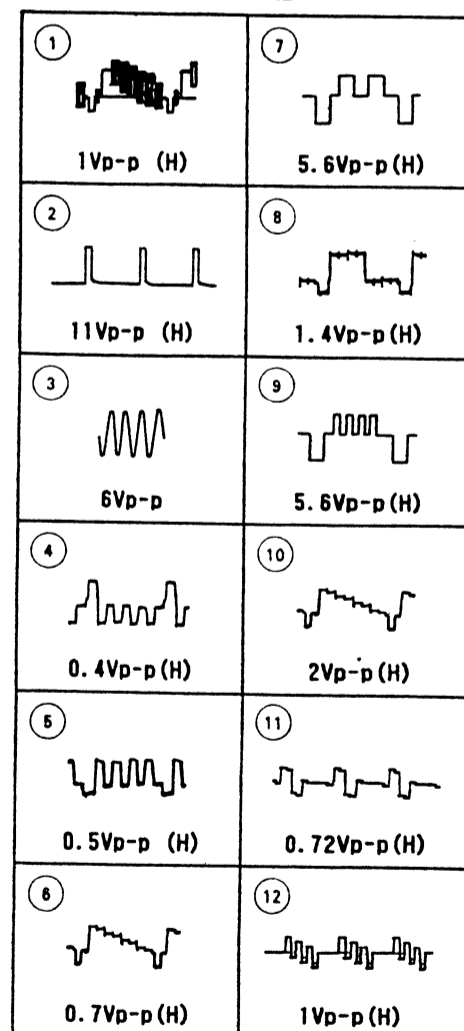
RD IC251 LA4280



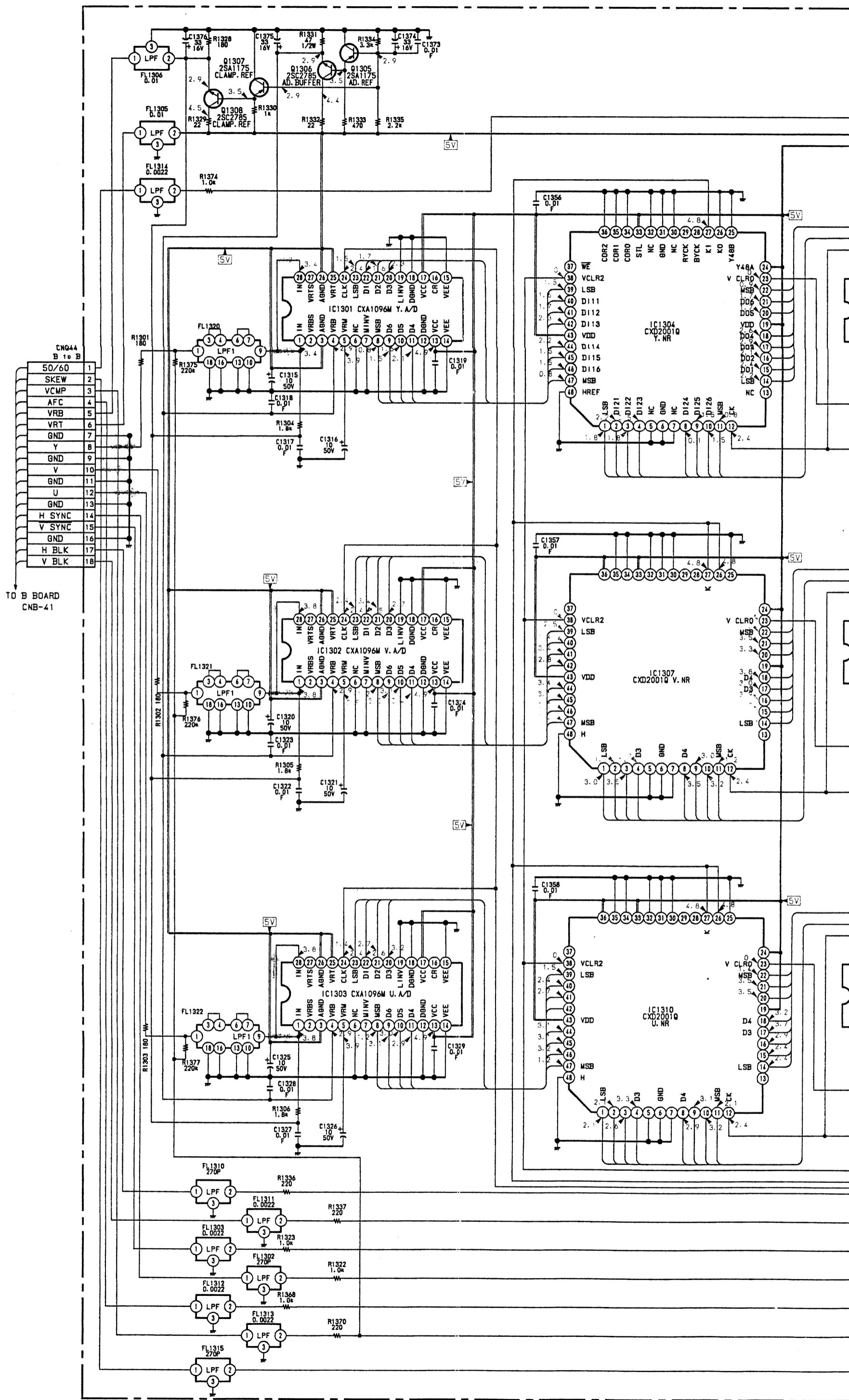
RD IC402 TDA8443A

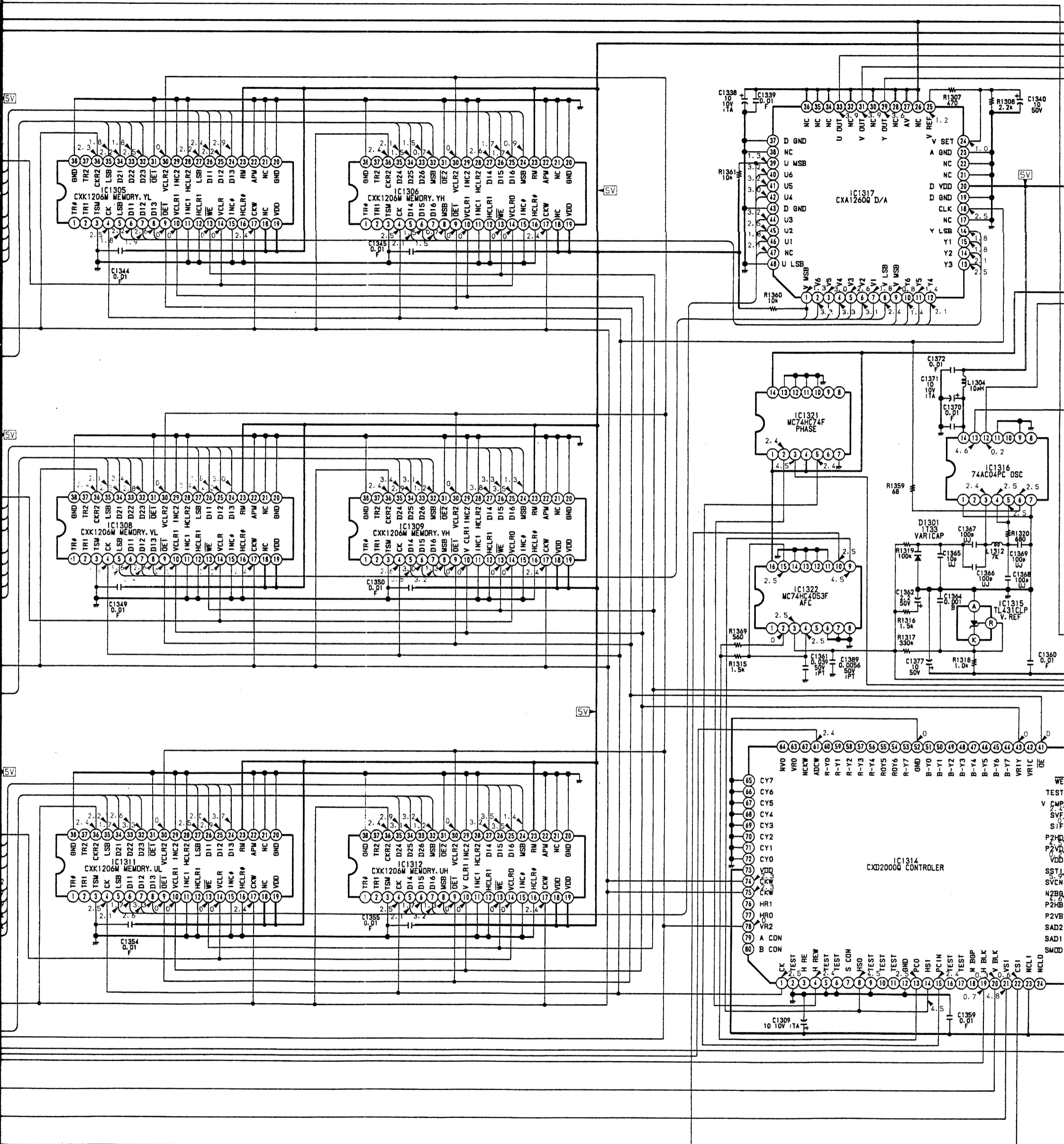


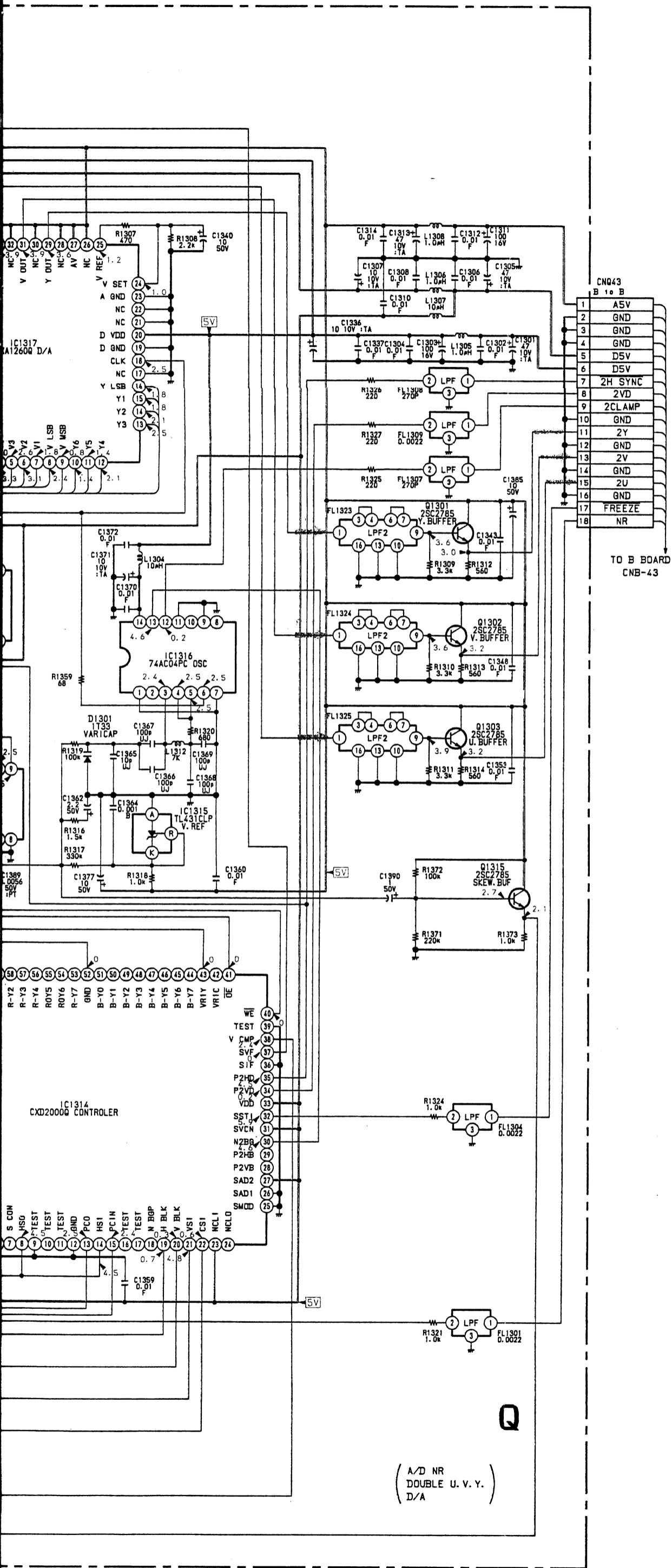
IC		DIODE	
IC001	B-3	Q4009	B-10
IC002	F-3	Q4011	C-7
IC003	F-2	Q4019	B-8
IC004	C-4	Q4024	C-7
IC005	E-6	Q4027	C-8
IC251	D-11	Q4028	C-9
IC341	I-2	Q4029	B-8
IC381	G-2	Q4033	A-8
IC402	G-9	Q4045	D-7
IC403	F-7		
IC404	G-3		
IC4002	C-7		
IC4003	B-9		
TRANSISTOR		VARIABLE RESISTOR	
Q001	C-1	D001	C-1
Q002	E-2	D002	E-2
Q003	E-1	D003	D-1
Q004	E-1	D004	B-1
Q005	D-2	D005	A-1
Q271	E-10	D006	A-2
Q340	I-2	D007	F-1
Q341	H-1	D008	D-2
Q342	I-3	D009	A-1
Q343	I-3	D011	E-3
Q344	G-3	D012	E-3
Q345	H-3	D271	E-10
Q346	H-1	D341	H-4
Q380	I-4	D342	G-5
Q381	H-1	D343	I-4
Q382	G-2	D344	J-3
Q383	G-2	D347	I-1
Q401	I-9	D348	I-1
Q402	I-8	D371	E-5
Q403	I-7	D381	H-1
Q404	I-9	D401	I-9
Q405	I-8	D402	I-8
Q406	I-7	D403	I-8
Q407	I-7	D404	I-9
Q408	I-9	D405	I-8
Q409	I-10	D406	I-8
Q410	F-9	D407	J-9
Q411	E-9	D408	I-9
Q412	E-9	D411	G-7
Q415	E-8	D412	G-7
Q418	F-9	D413	G-8
Q419	G-4	D415	F-10
Q420	G-4	D416	G-2
Q421	H-4	D417	G-2
Q422	H-4	D4001	B-7
Q423	H-4	D4002	B-7
Q424	H-4	D4003	B-7
Q425	F-7	D4029	B-8
Q431	F-9	D4030	B-8
Q4001	B-7		
Q4004	B-9		
Q4005	D-7		
Q4006	C-9		
Q4007	B-10		
Q4008	B-10		



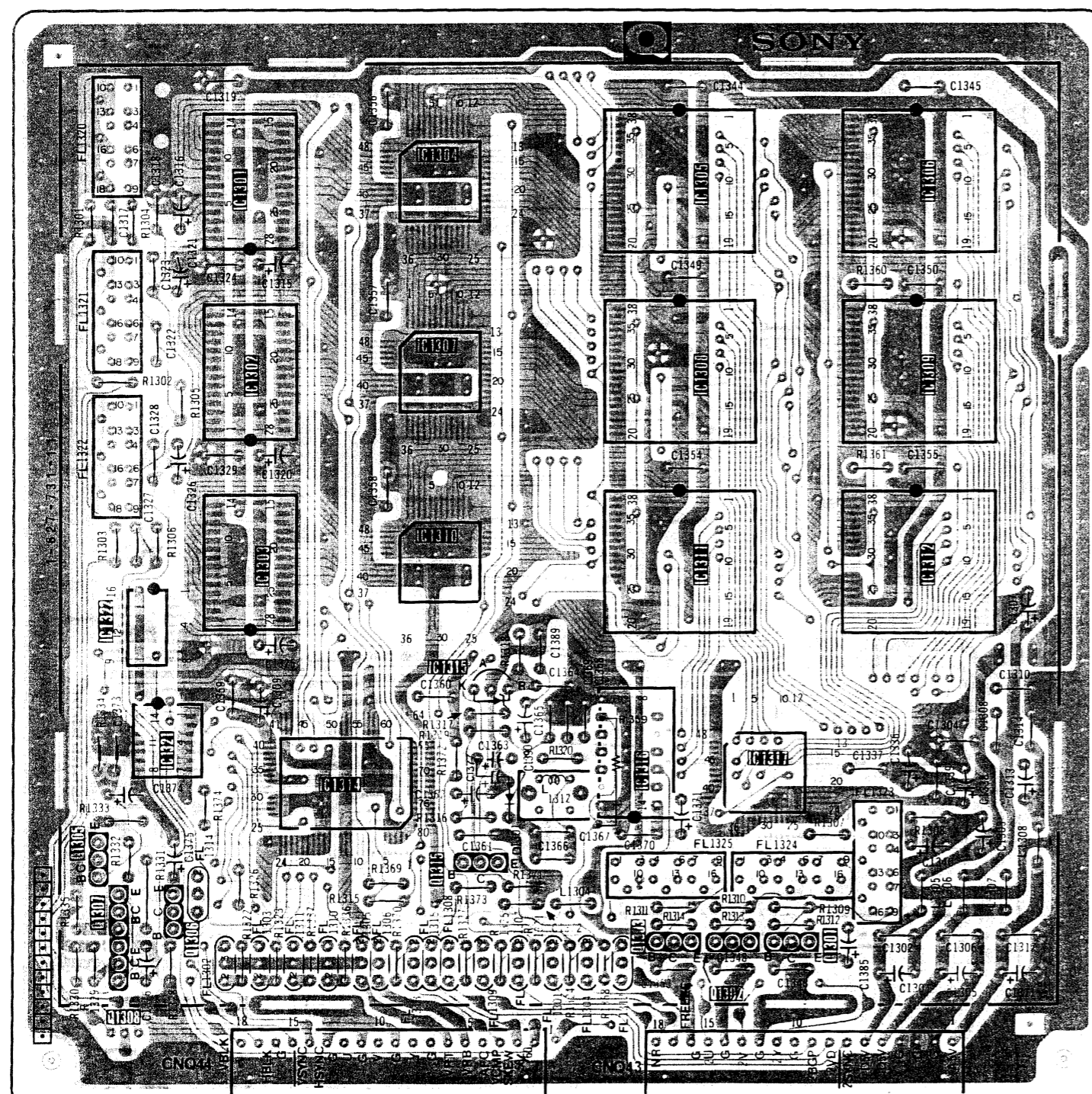
A
B
C
D
E
F
G
H
I
J
K
L
M
O
P




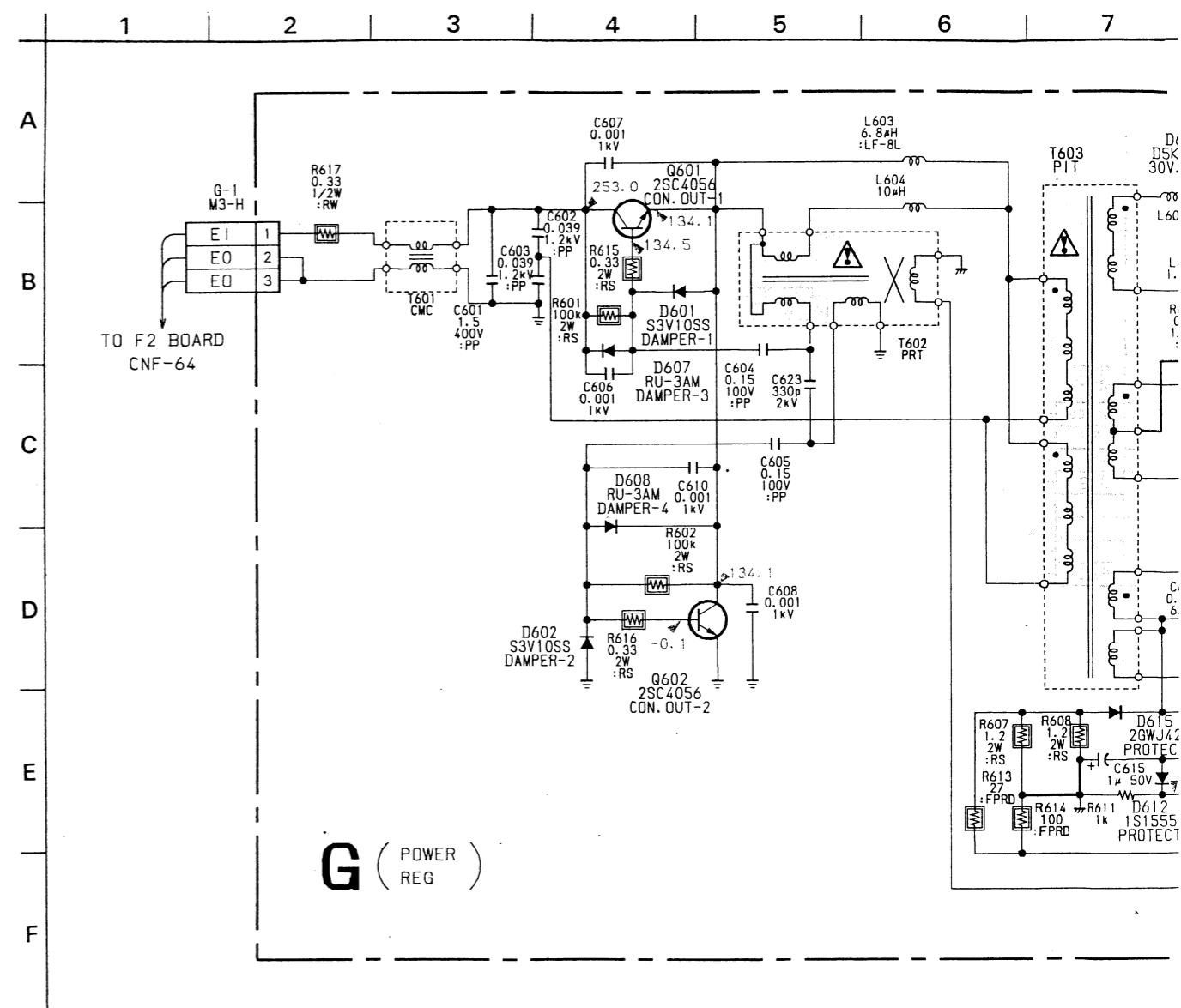


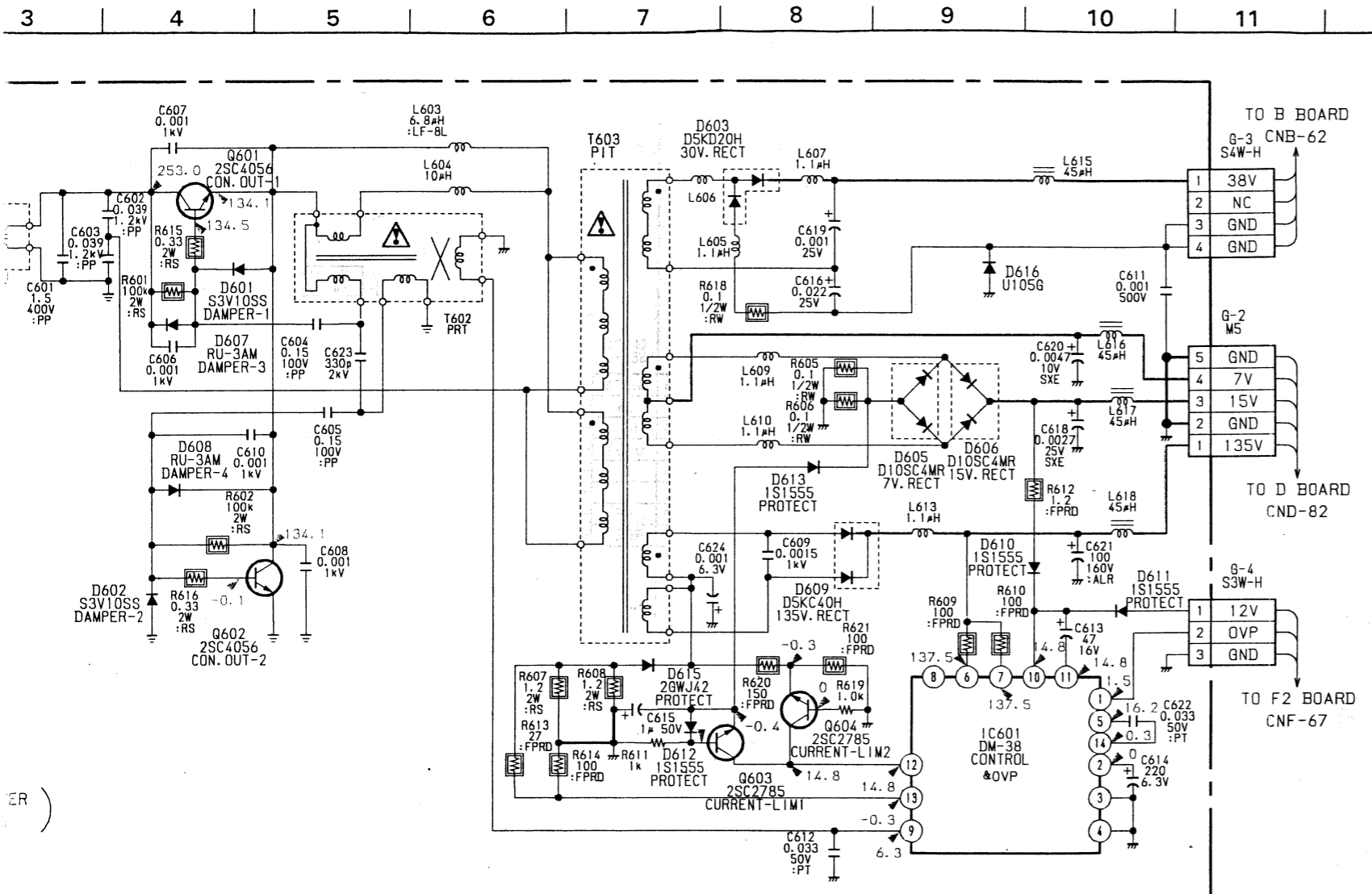


— Q Board —

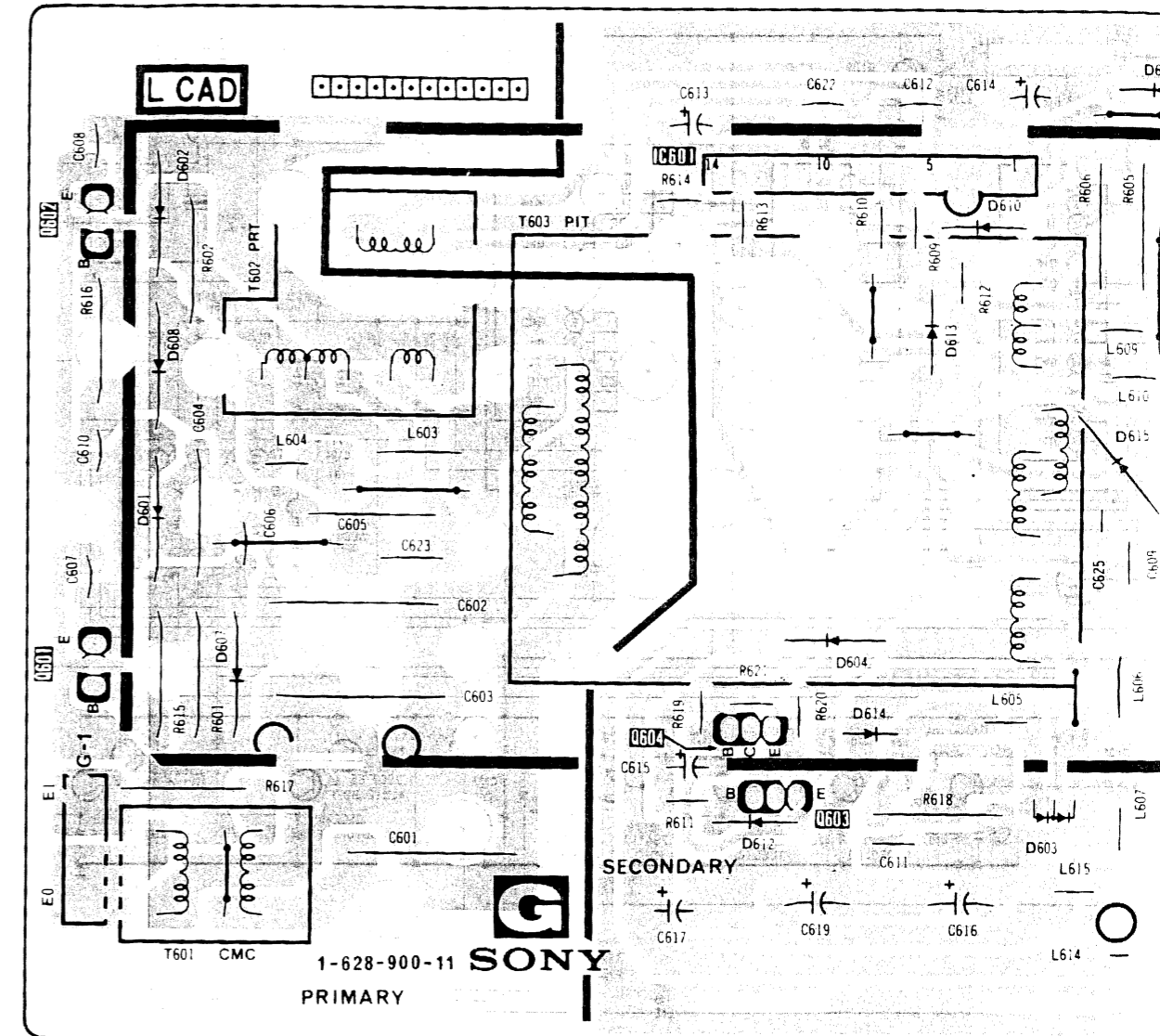


- : Conductor side pattern
-  : Component side pattern

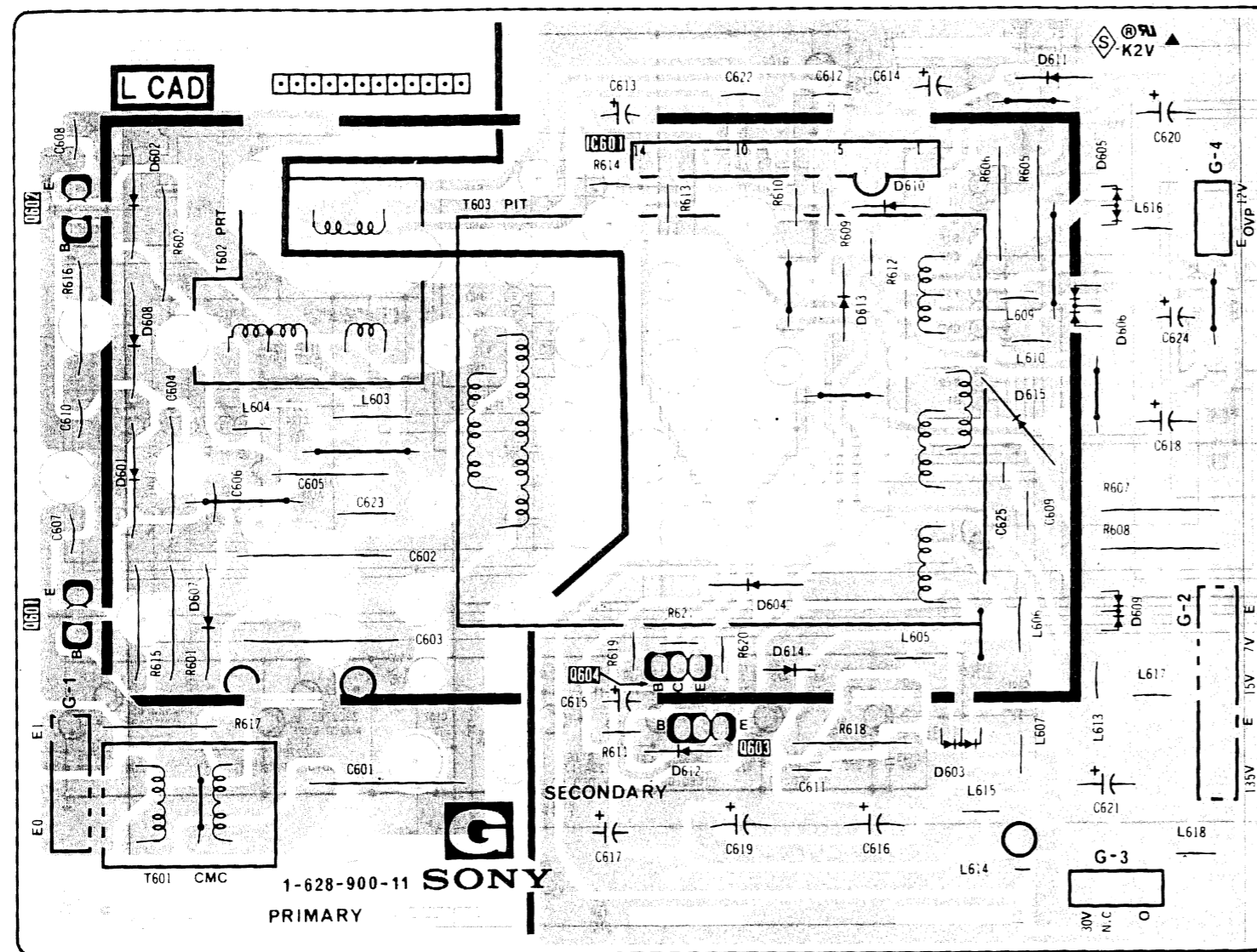




— G Board —



— G Board —



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

A

B

C

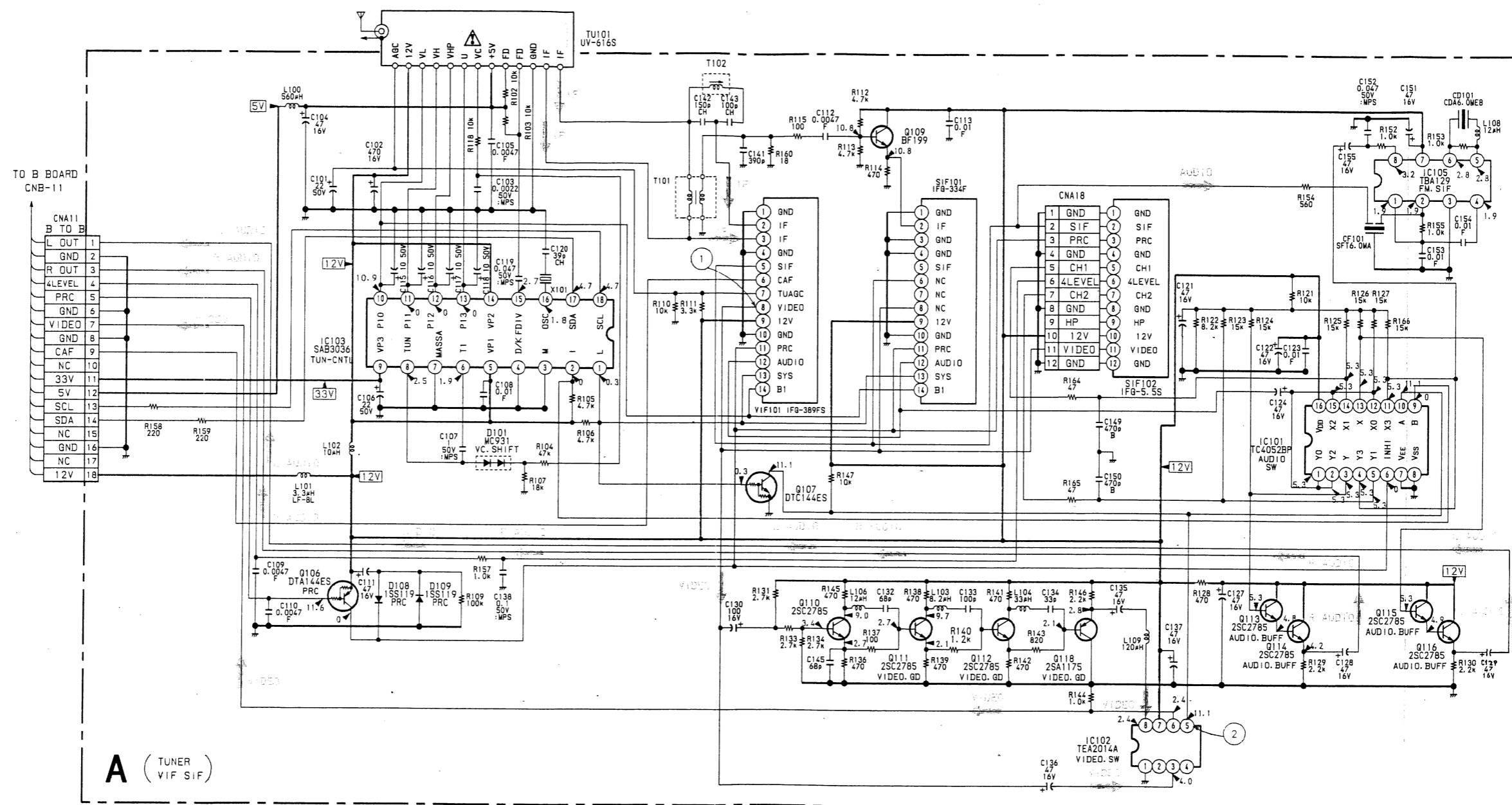
D

E

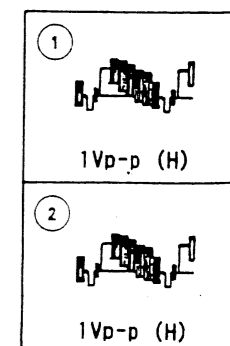
F

G

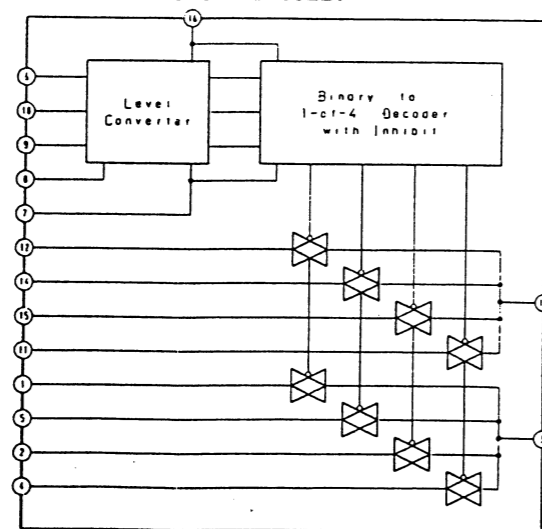
H



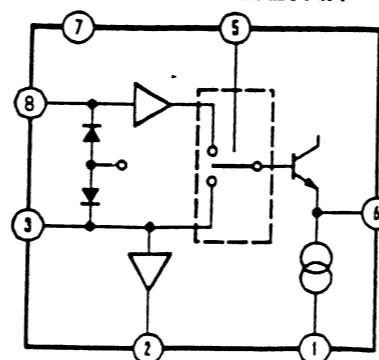
WAVEFORMS A BOA



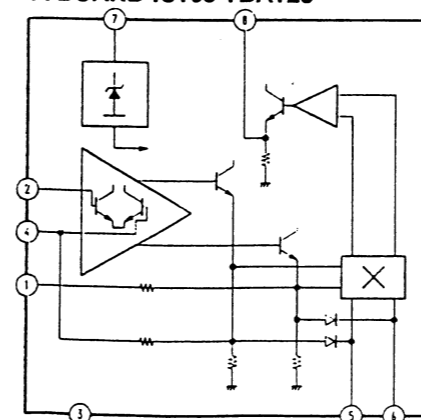
A BOARD IC101 TC4052BP



A BOARD IC102 TEA2014A



A BOARD IC105 TBA129



11

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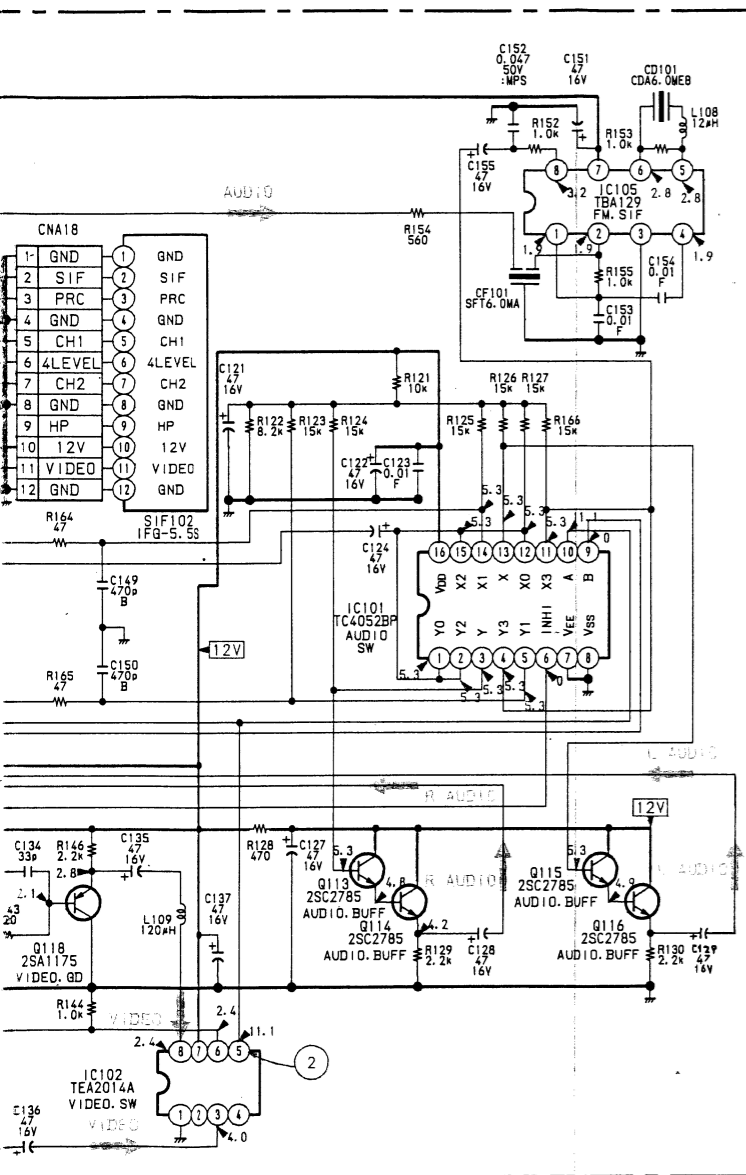
23

24

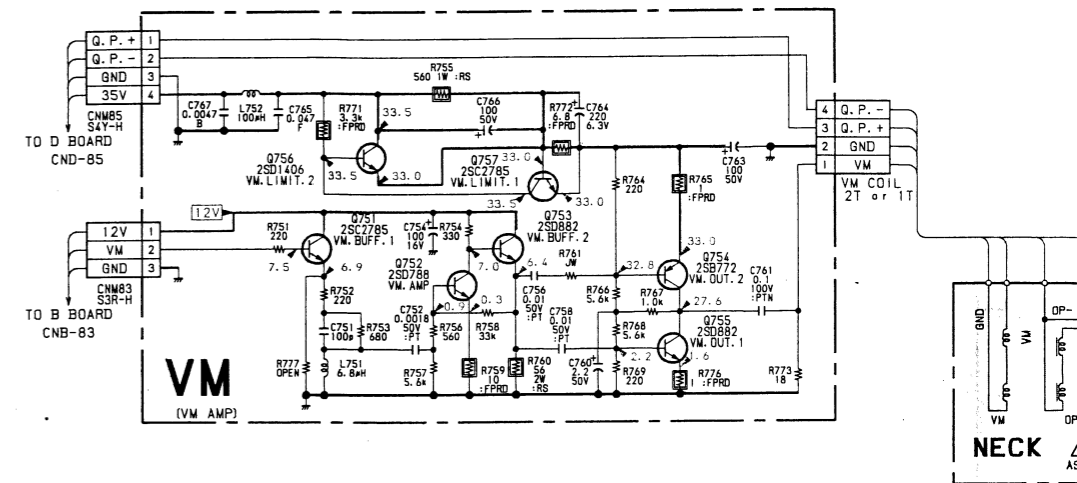
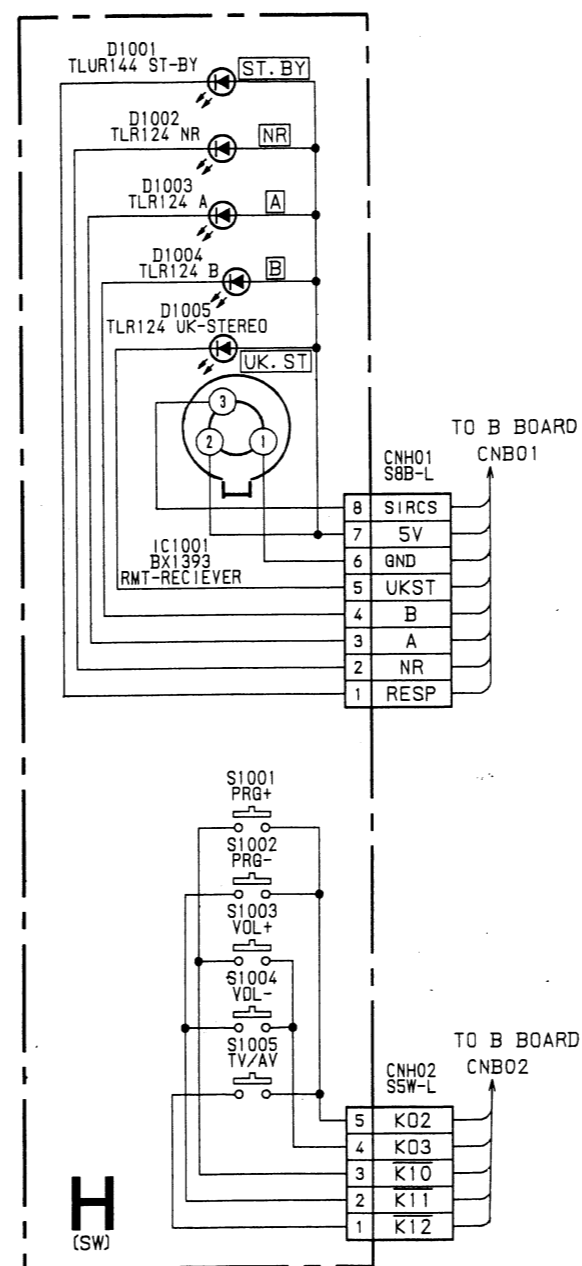
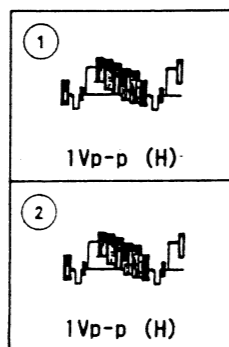
25

26

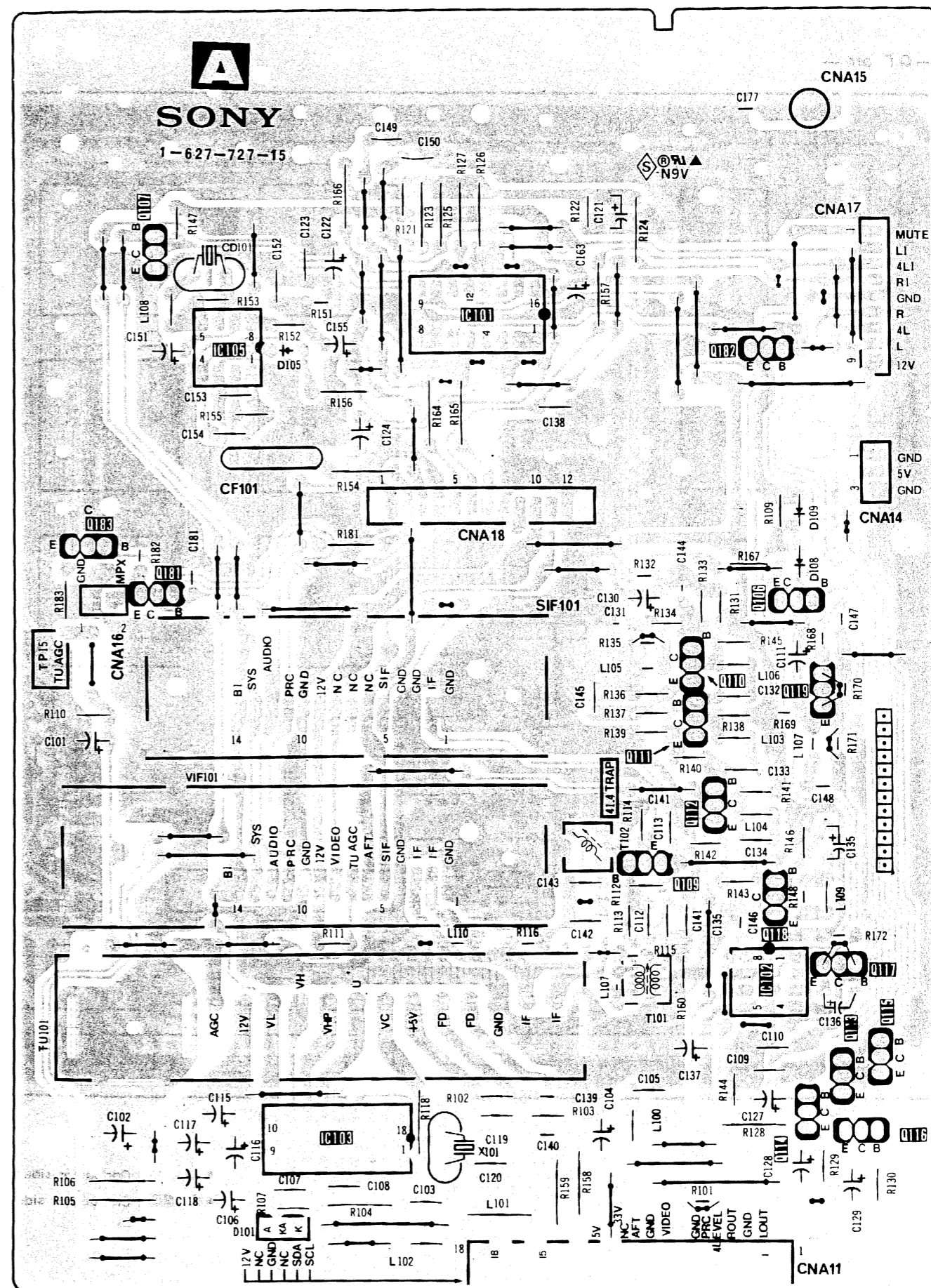
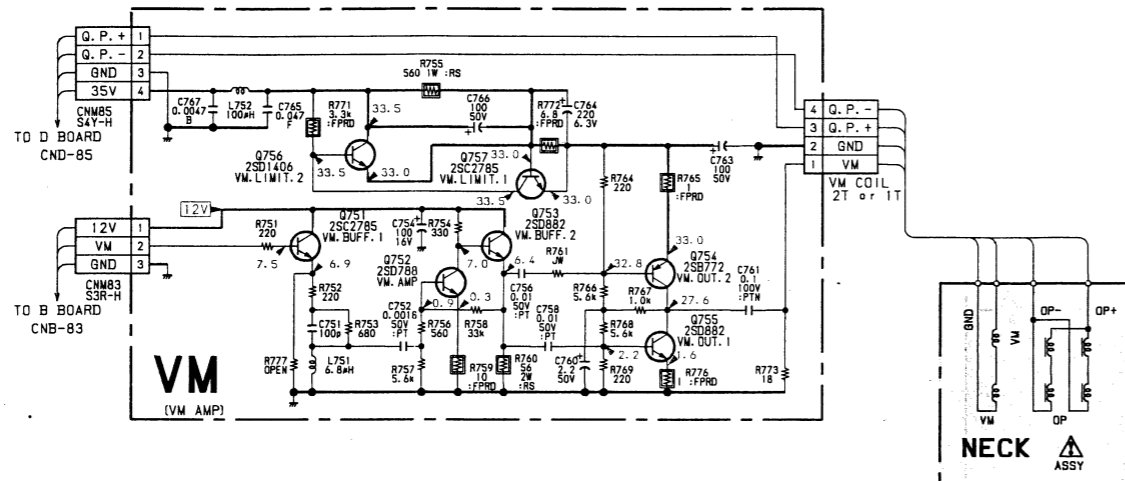
27



WAVEFORMS A BOARD



— A Board —

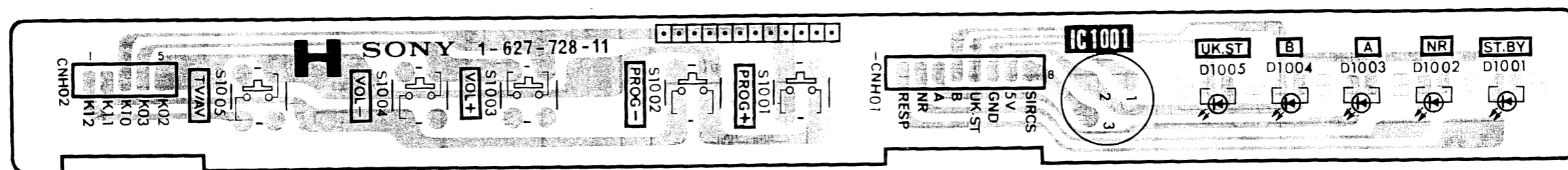


H (SW) **VM** (VM AMP)

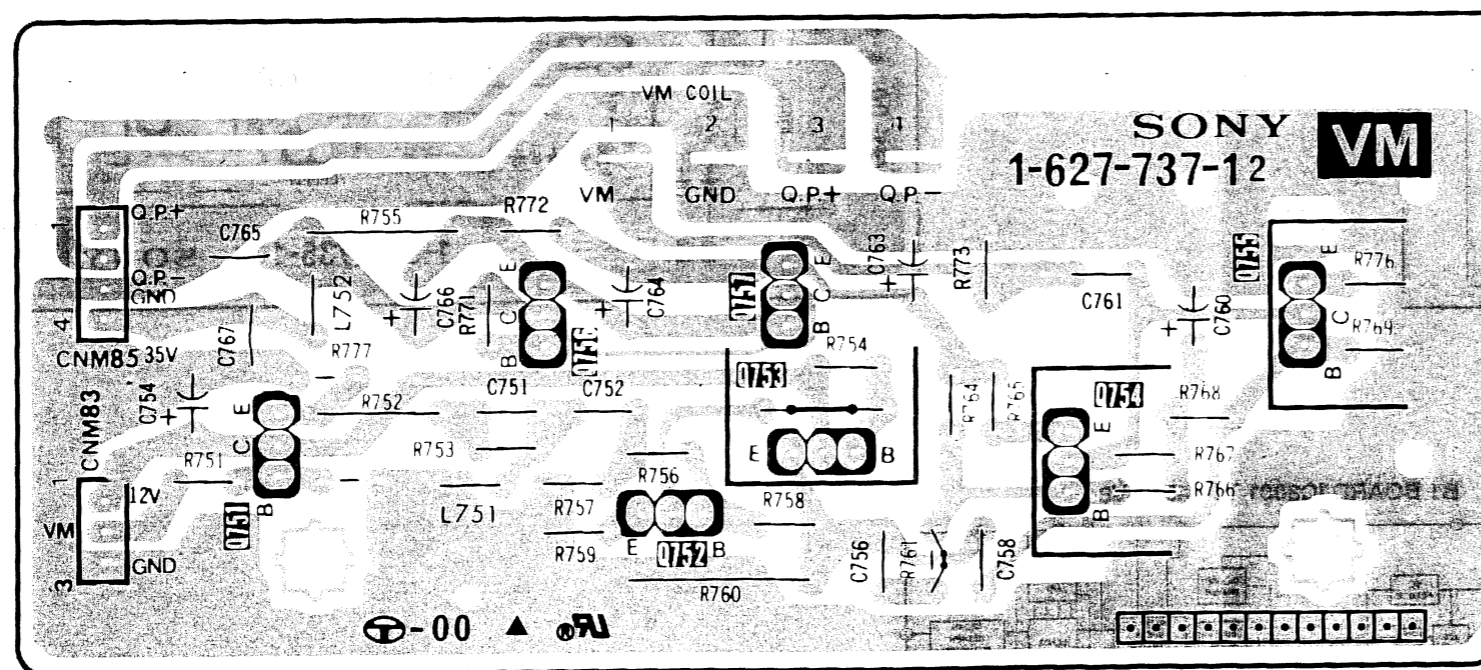
KV-FX2921B
RM-698/SS-XT291

KV-FX2921B
RM-698/SS-XT291

— H Board —



— VM Board —

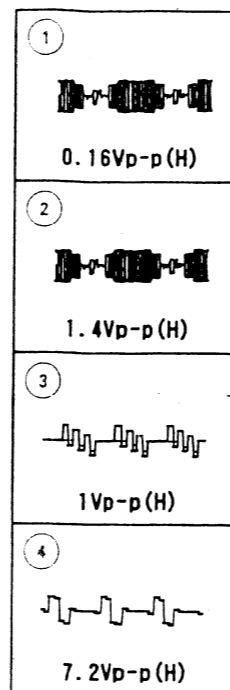
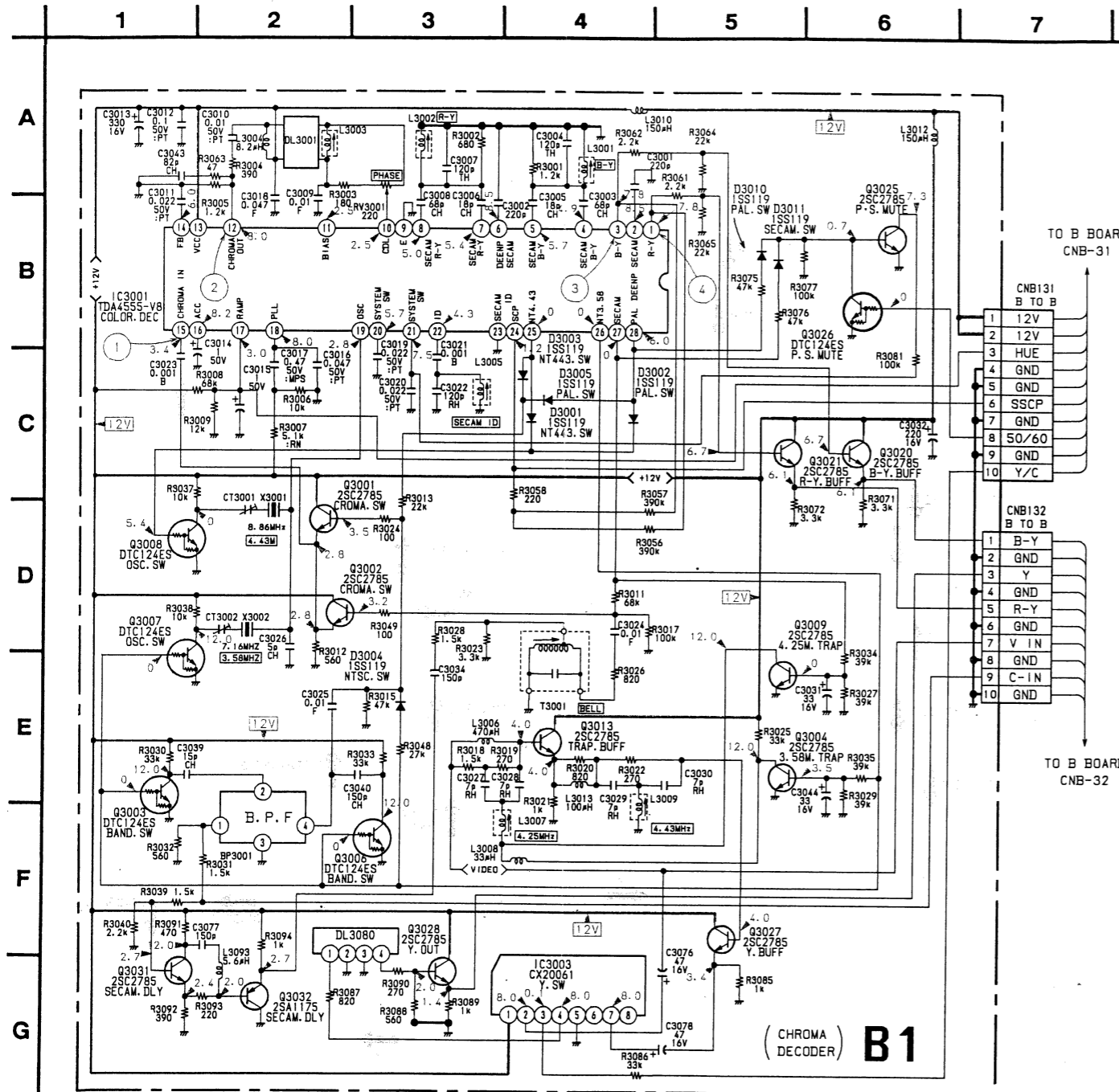


KV-FX2921B
RM-698/SS-XT291

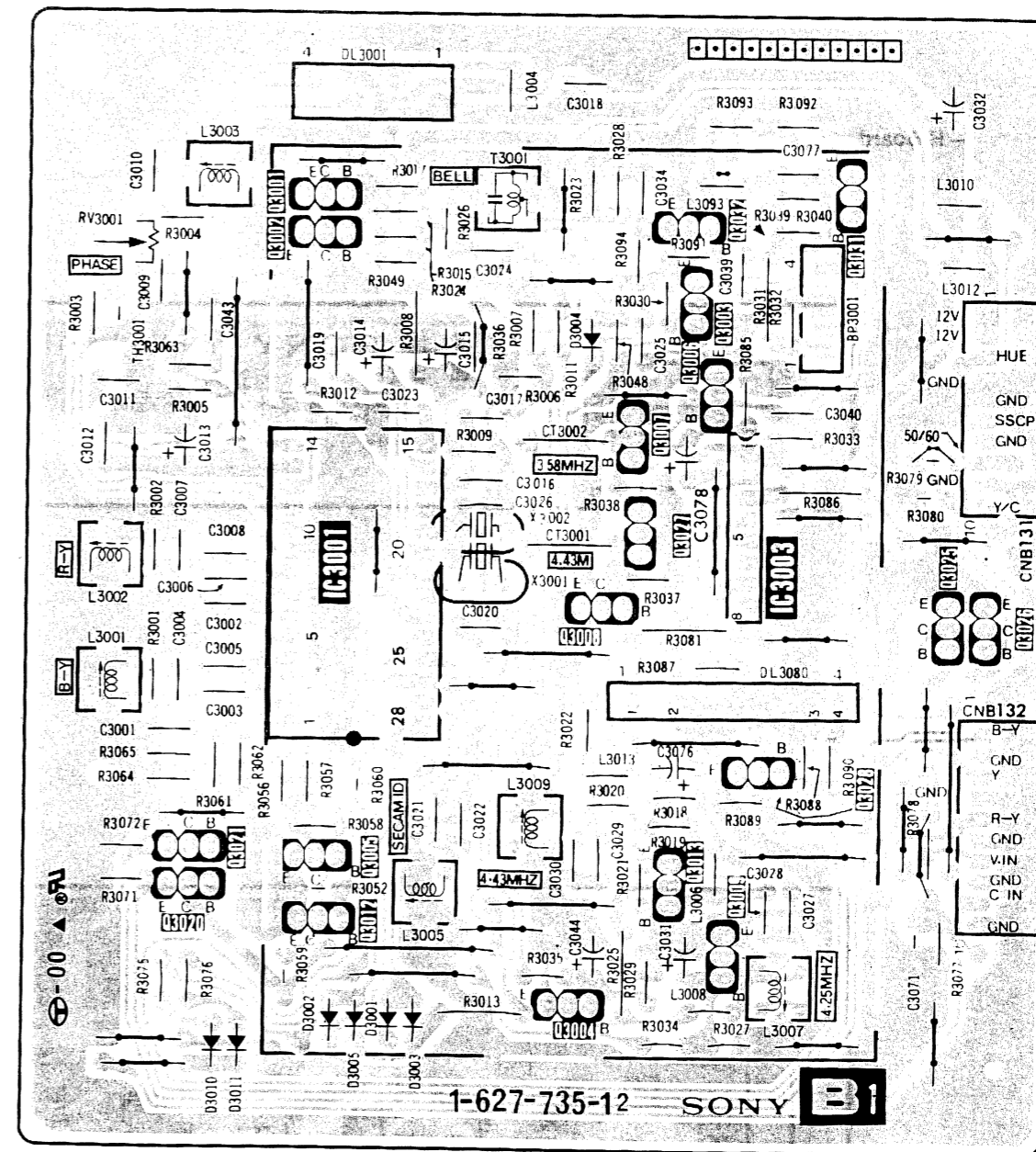
KV-FX2921B
RM-698/SS-XT291

B1

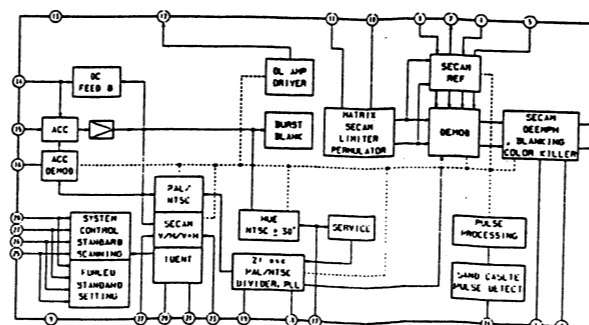
(CHROMA DECODER)

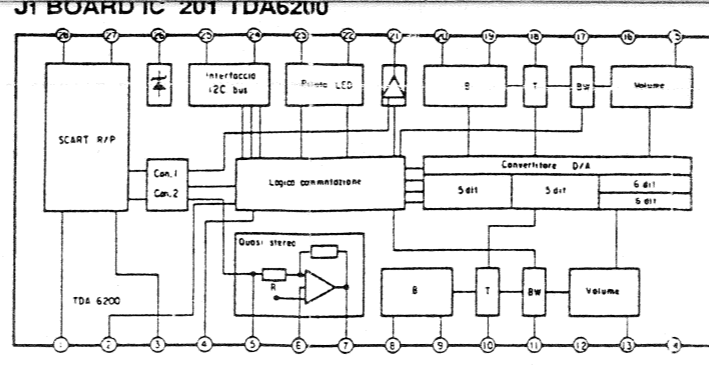
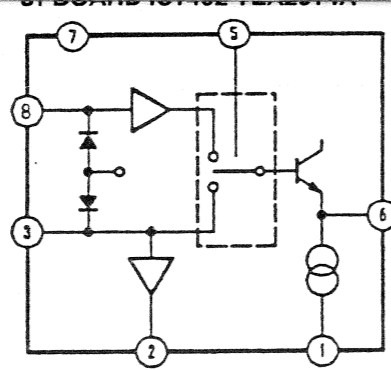


— B1 Board —



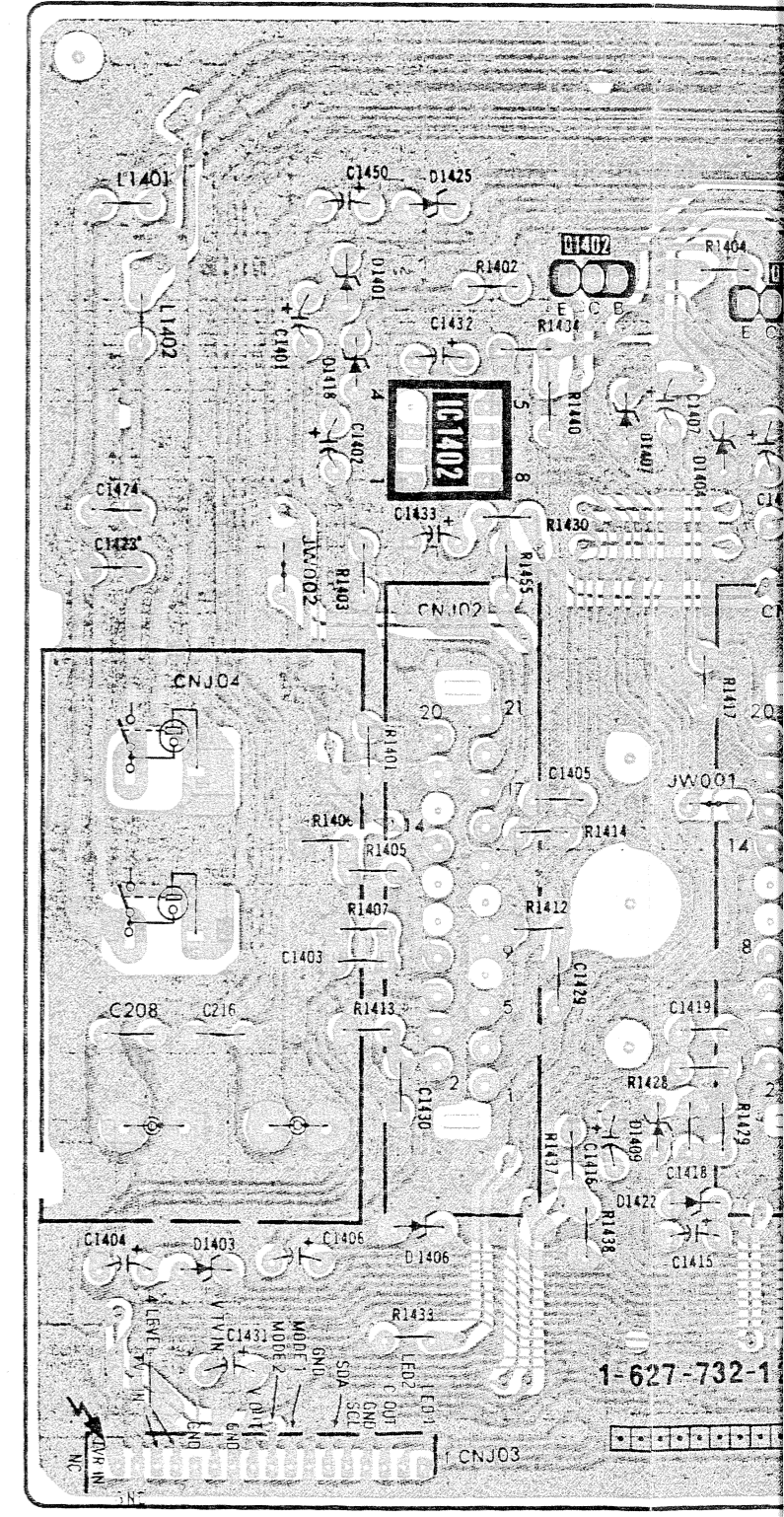
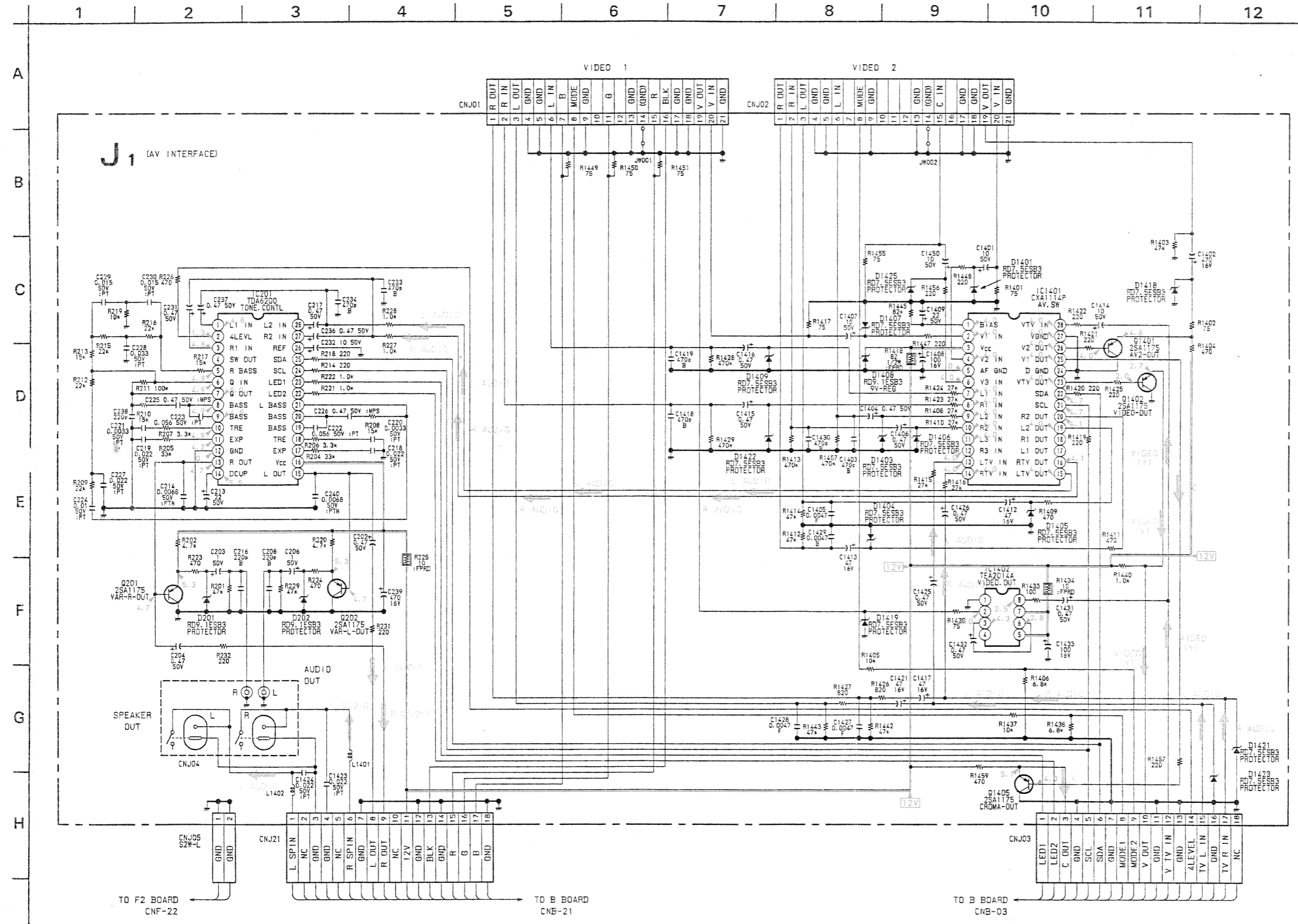
B1 BOARD IC3001 TDA4555-V8



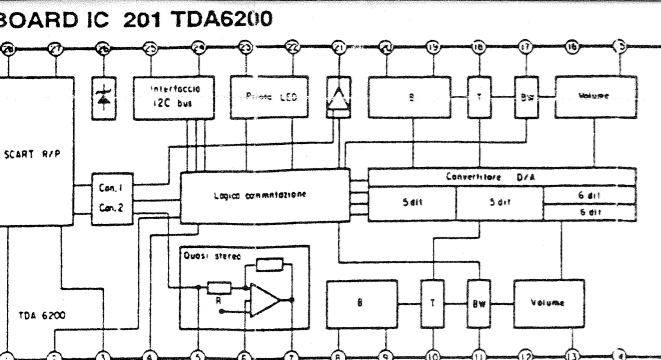


J1 (AV INTERFACE)

— J1 Board —

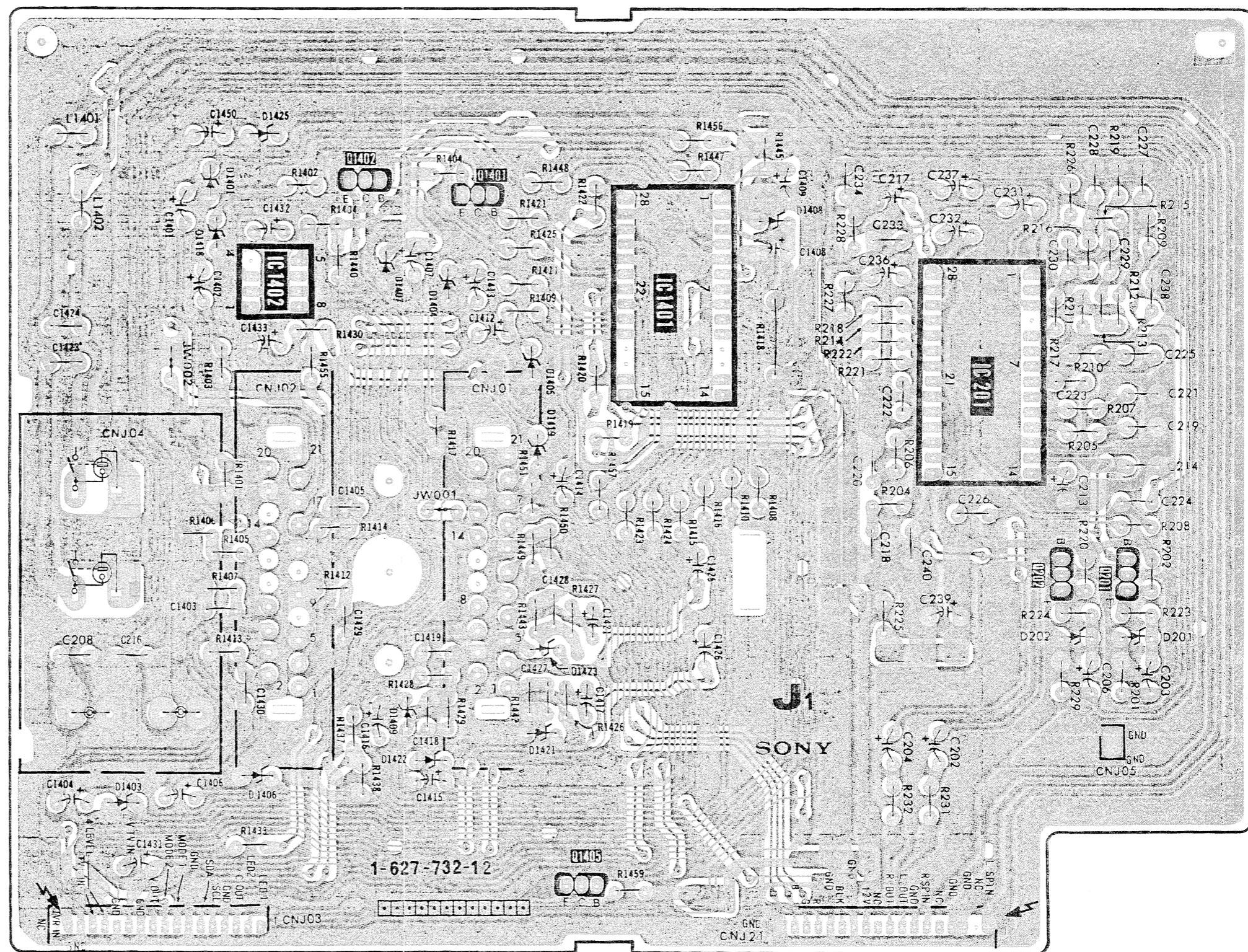
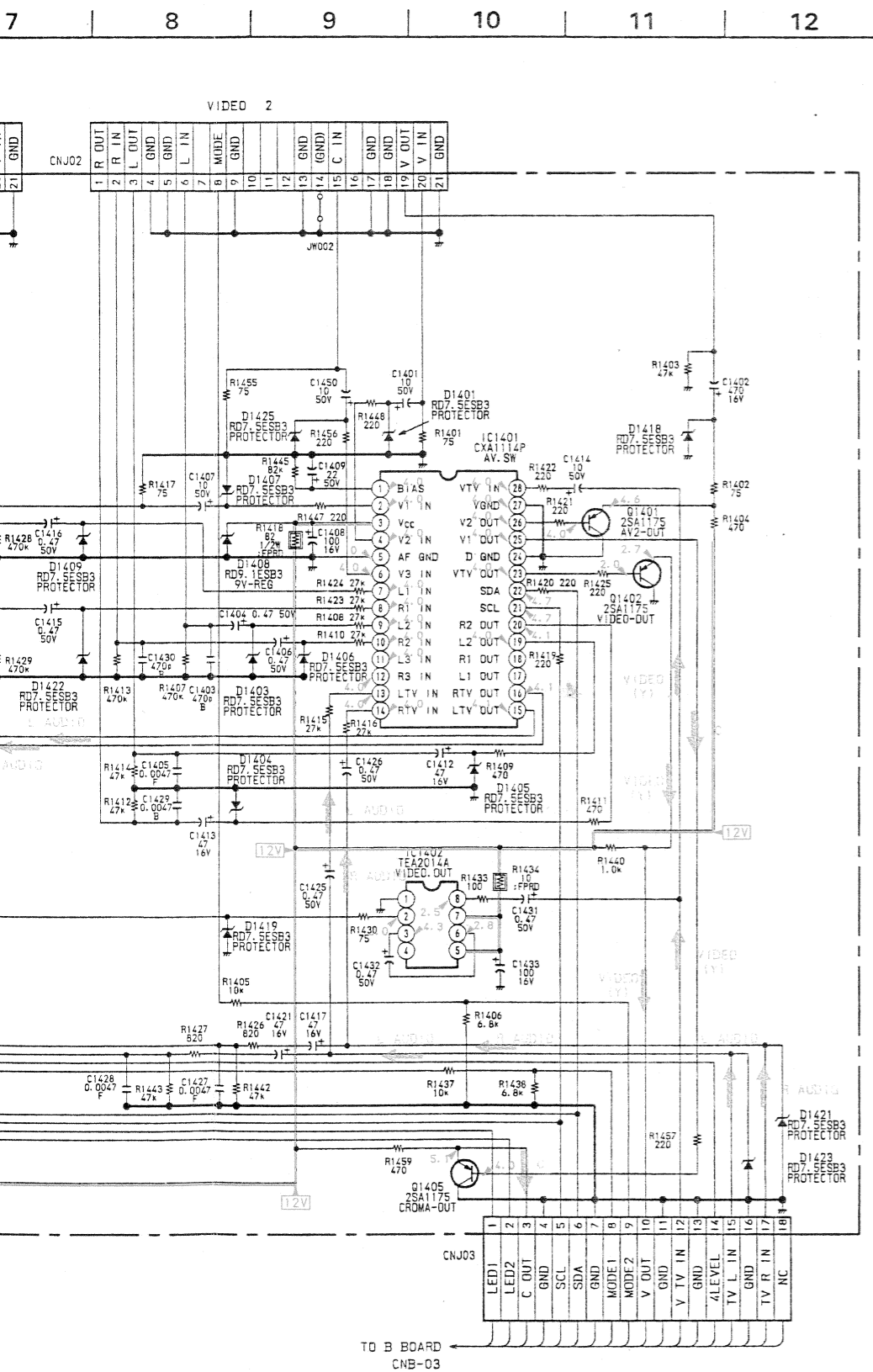


1-627-732-1



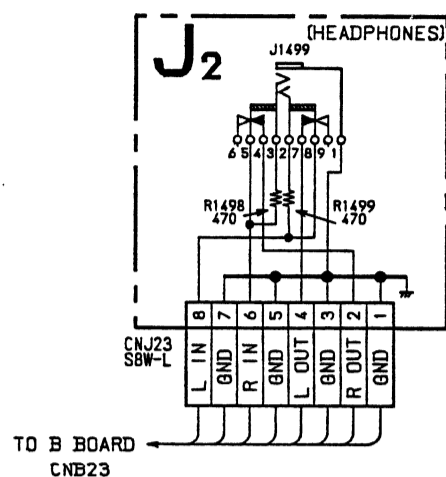
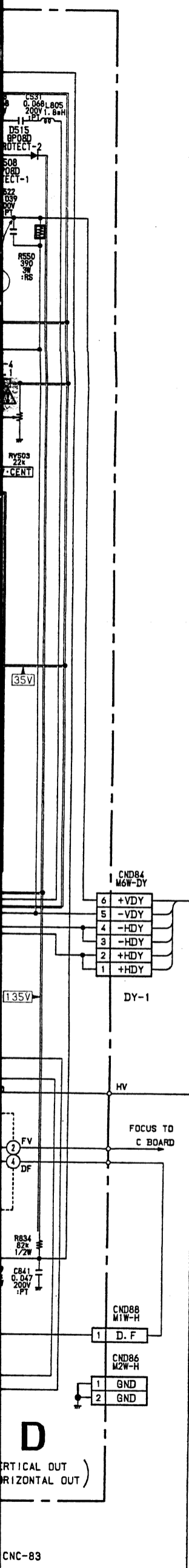
J1 (AV INTERFACE)

— J1 Board —



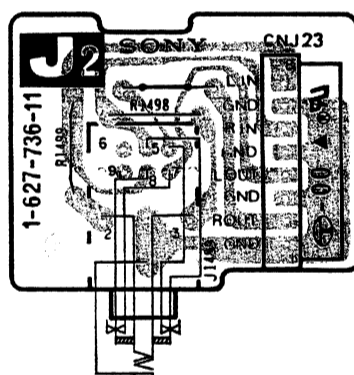
- Conductor side pattern
- Component side pattern



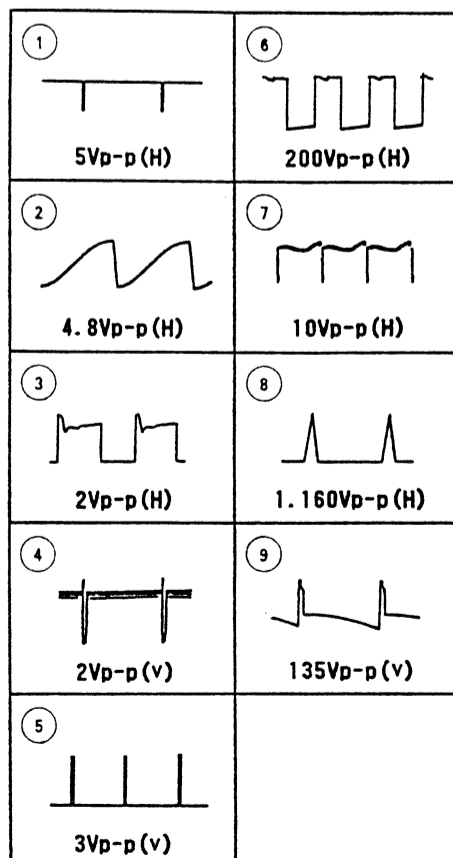


J2 (HEADPHONES)


— J2 Board —



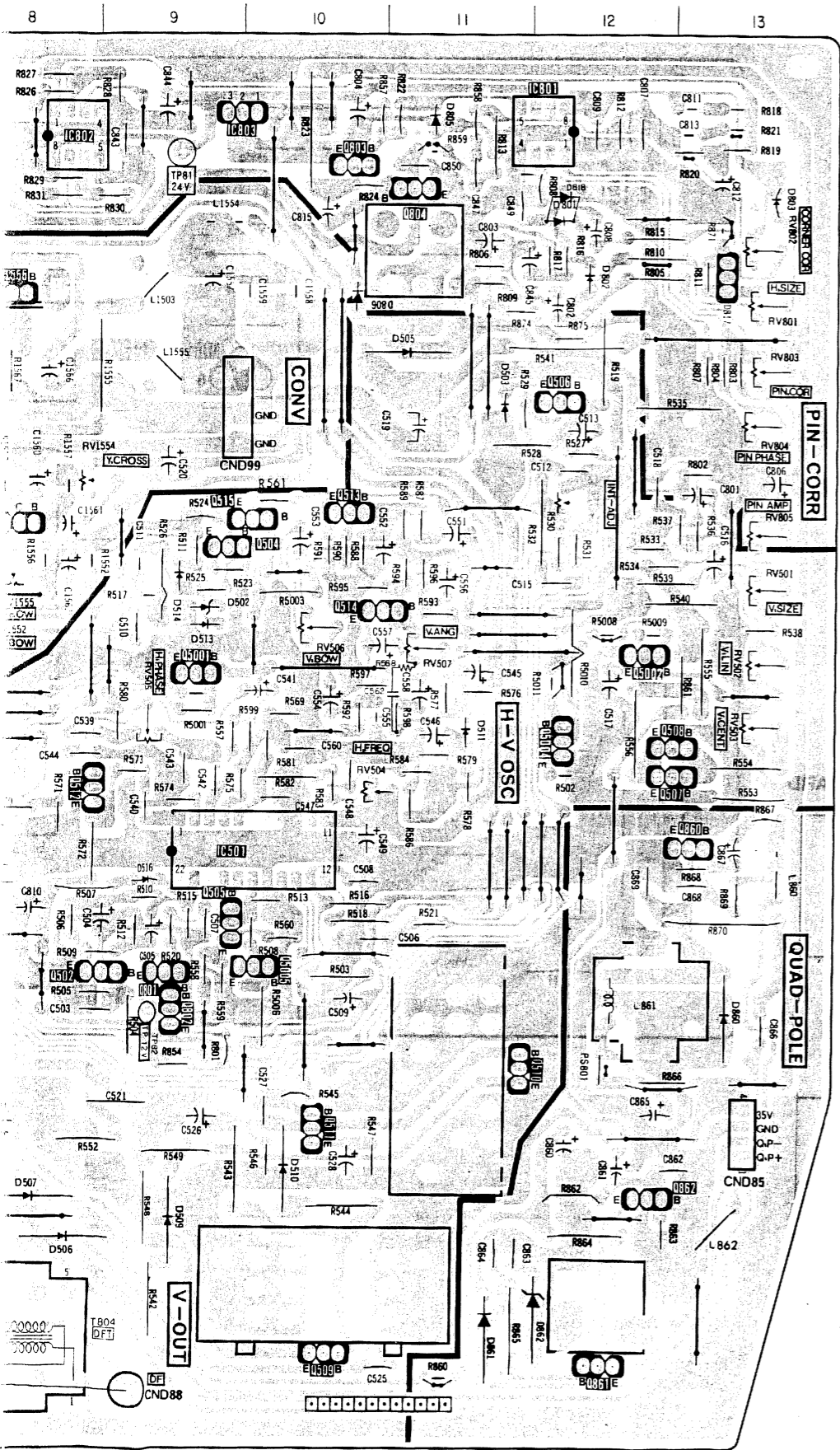
WAVEFORMS D BOARD



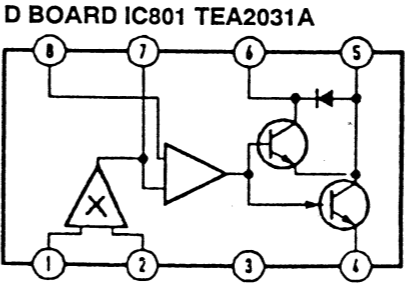
(VERTICAL OUT HORIZONTAL OUT)



NOTE:
The circuit indicates
600 Vp-p. Care must
be taken during
inspection or repair.



IC		D513	E-9
IC501	F-9	D514	D-9
IC503	F-7	D515	I-7
IC801	A-12	D801	B-12
IC802	A-8	D802	B-12
IC803	A-9	D803	B-13
		D805	A-11
		D806	B-10
		D807	A-5
		D808	D-1
TRANSISTOR		D809	C-1
Q502	G-9	D810	C-5
Q504	D-9	D811	C-4
Q505	G-9	D812	I-5
Q506	C-12	D813	I-6
Q507	F-13		
Q508	E-13	D815	H-5
Q509	J-10	D816	G-4
Q510	H-11	D818	D-6
Q511	H-10	D825	D-6
Q512	F-8	D860	G-13
Q513	D-10	D861	I-11
Q514	E-10	D862	I-12
Q515	D-10		
Q801	G-9		
Q802	G-9		
		VARIABLE RESISTOR	
Q803	A-10	RV501	D-13
Q804	B-11	RV502	E-13
Q805	B-6	RV503	E-13
Q806	E-3	RV504	F-10
Q860	F-13	RV505	E-9
Q861	J-12	RV506	E-10
Q862	I-12	RV507	E-11
Q5001	E-9	RV801	B-13
Q5002	E-12	RV802	B-13
Q5004	E-12	RV803	C-13
Q5005	G-10		
		RV804	C-13
		RV805	D-13
		RV1551	D-6
		RV1552	E-7
		RV1553	E-7
		RV1554	D-8
		RV1555	D-8
DIODE			
D501	F-6		
D502	D-9		
D503	C-11		
D505	C-11		
D506	I-8		
D507	I-8		
D508	H-7		
D509	I-9		
D510	H-10		
D511	E-11		

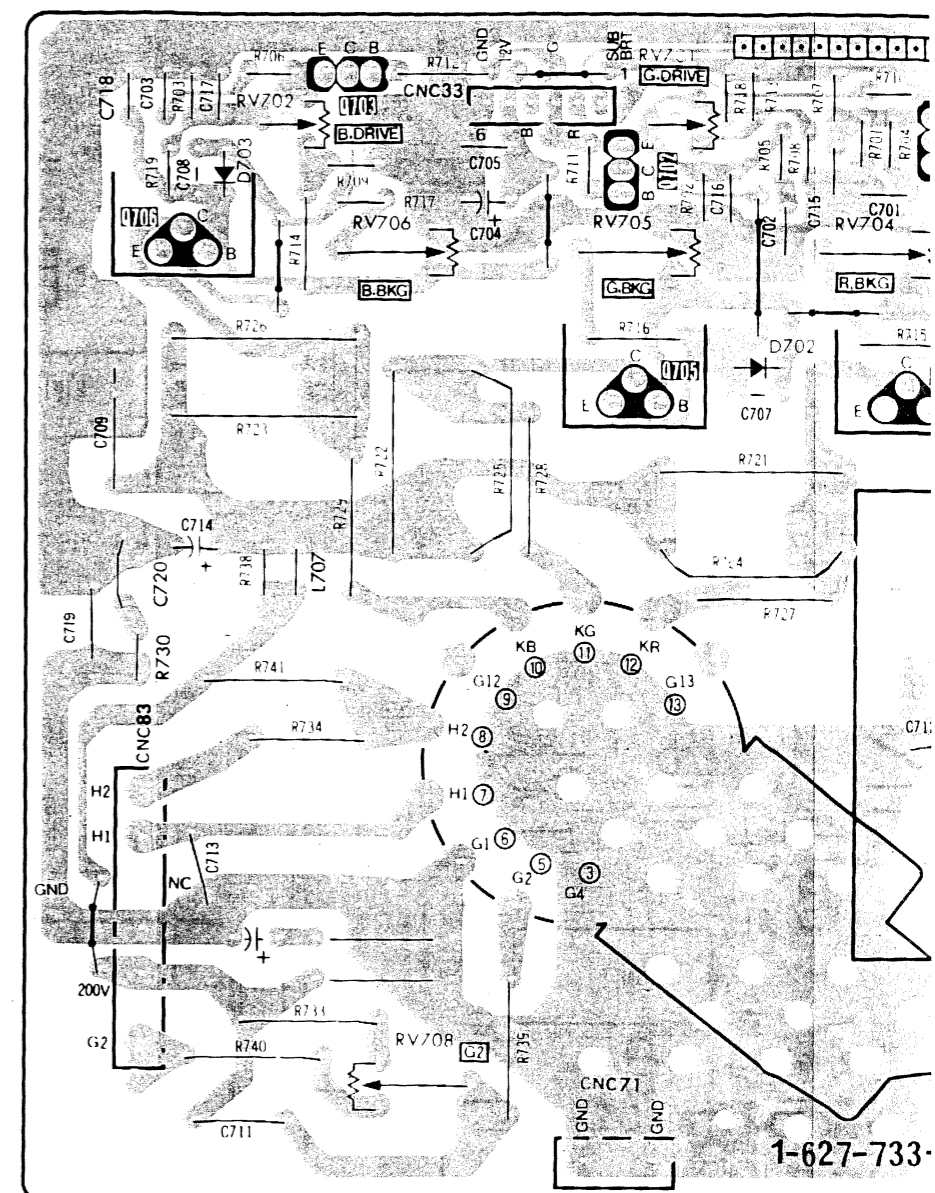


NOTE:

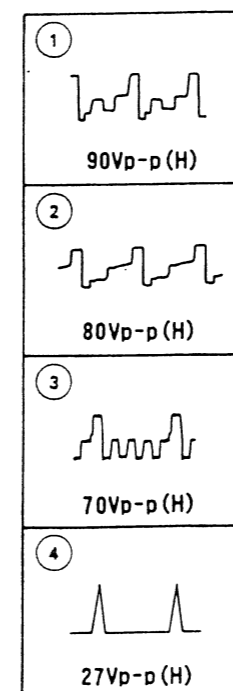
The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.



— C Board —



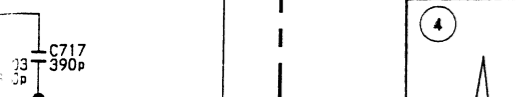
1-627-733-




(R.G.B. OUT)

(TEXT)

10




1



100 bpm

90Vp-p (H)


2



80 bpm

80Vp-p (H)


3



70 bpm

70Vp-p (H)

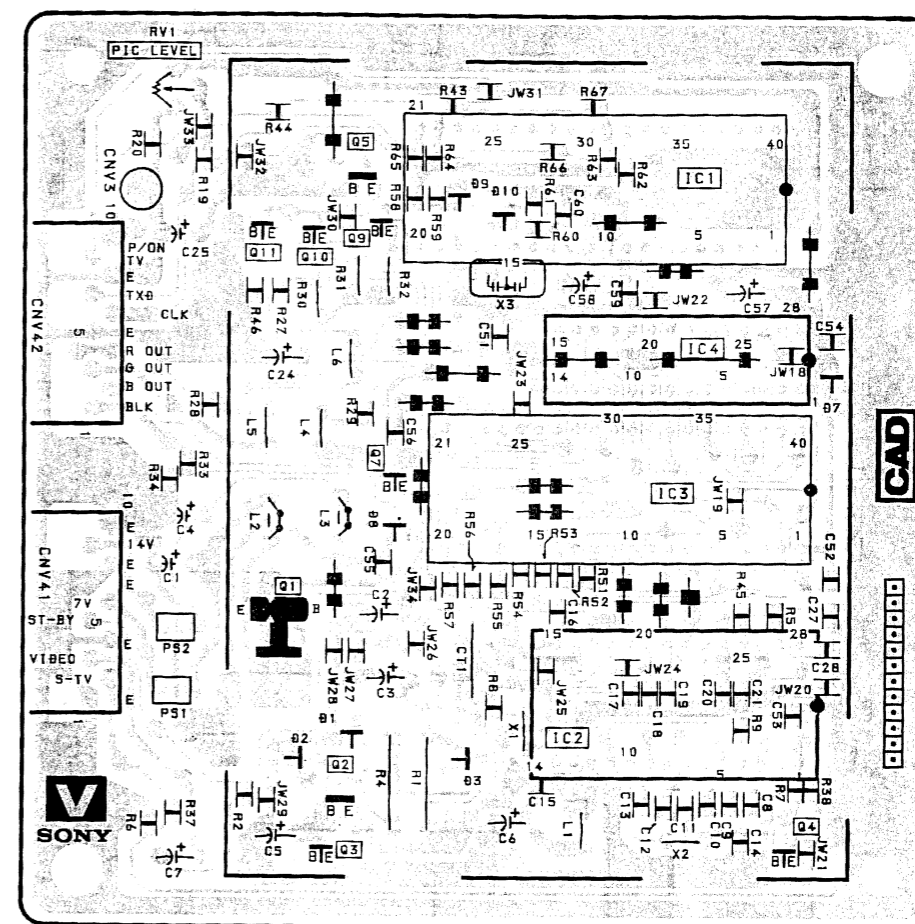
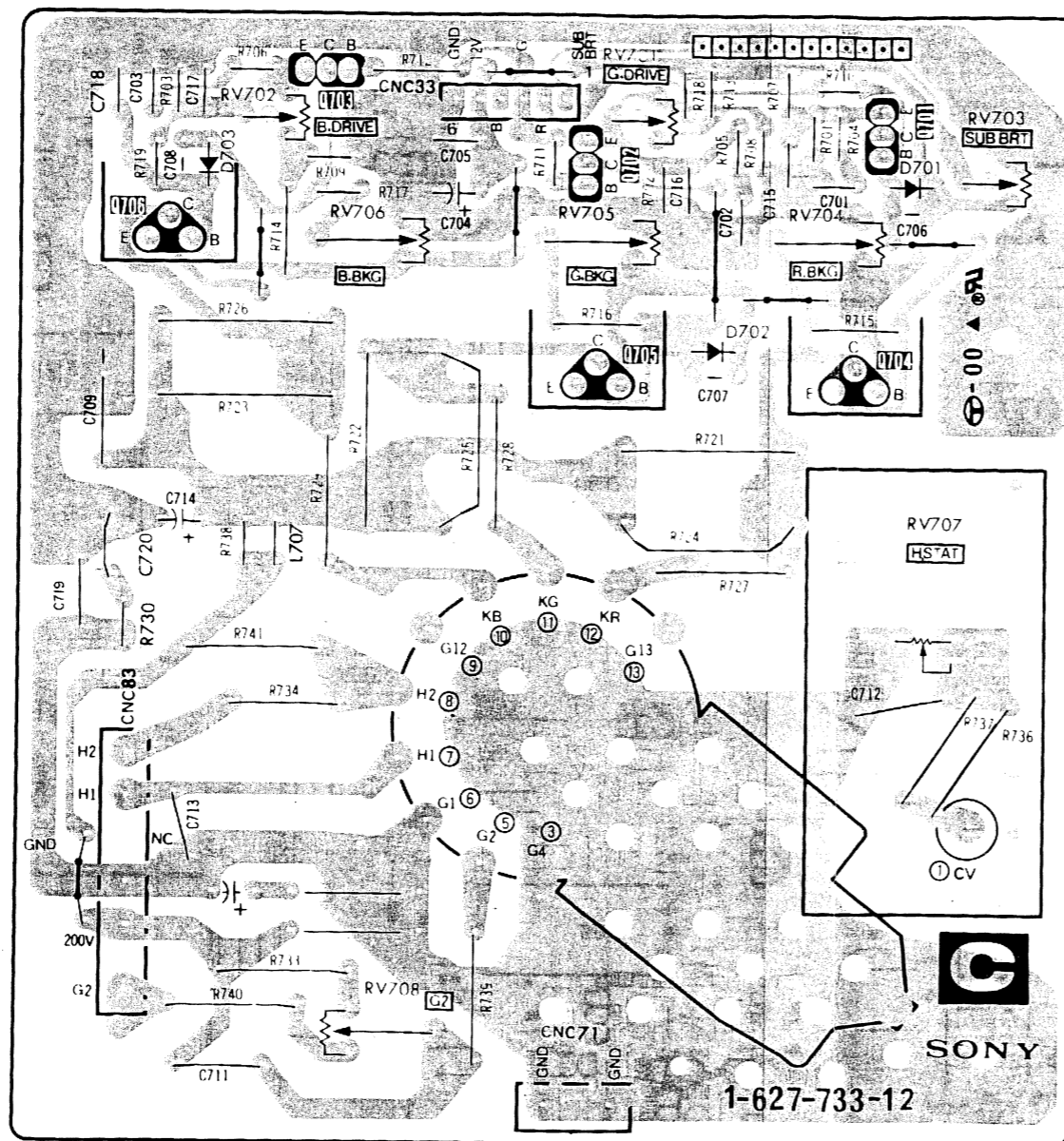
4



27 bpm

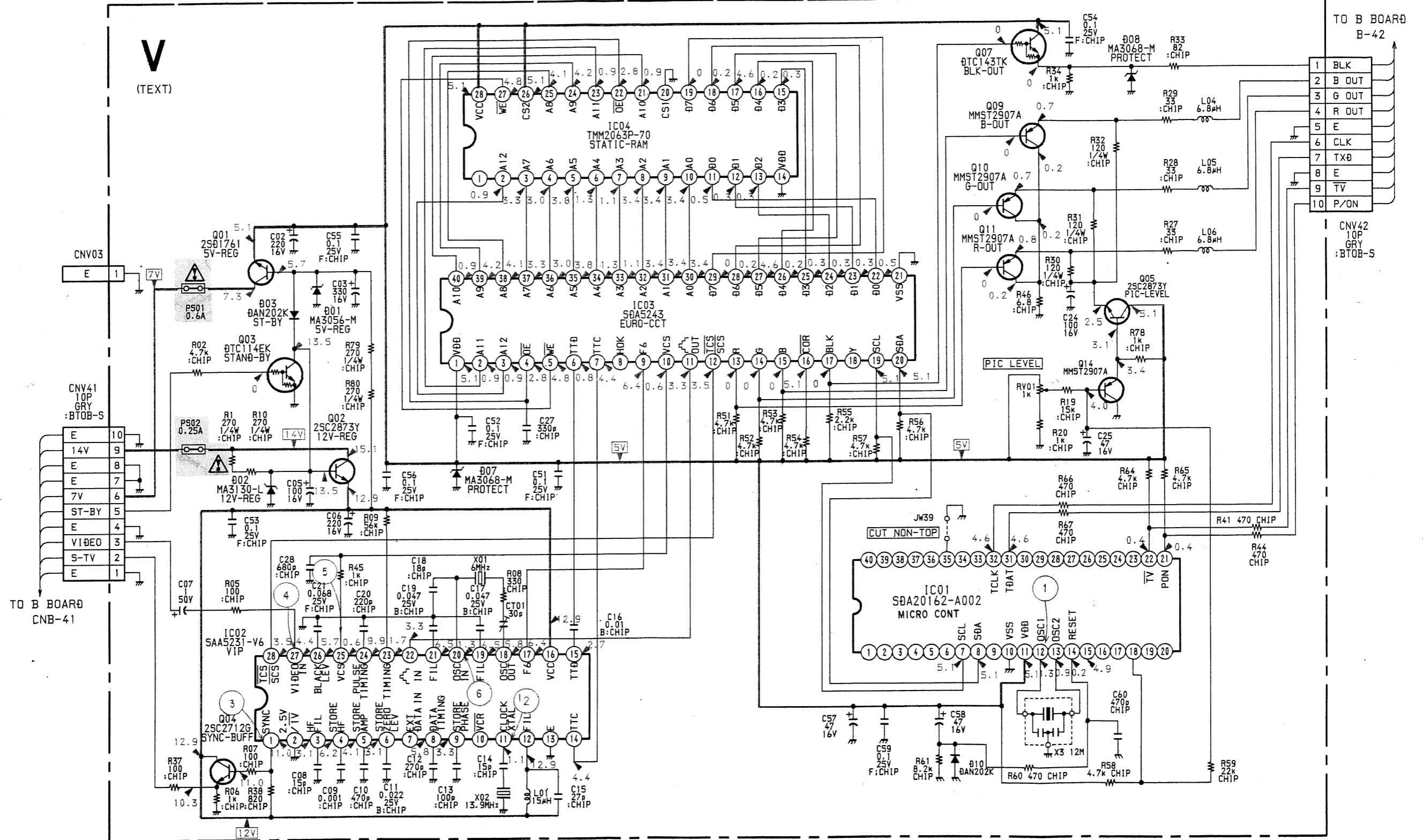
27Vp-p (H)

— V Board —

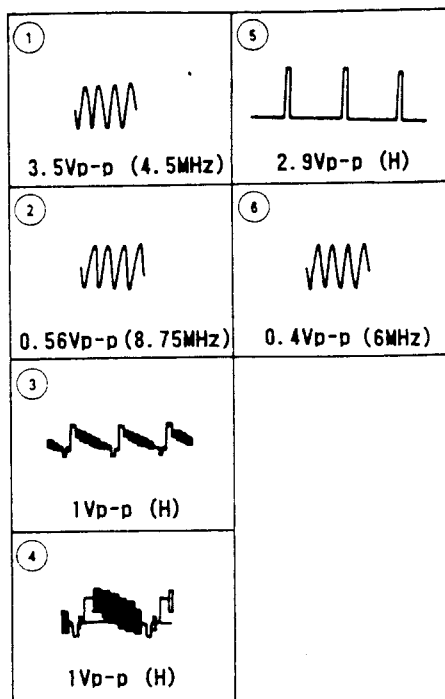


KV-FX2921B
RM-698/SS-XT291

KV-FX2921B
RM-698/SS-XT291

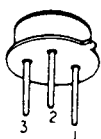


WAVEFORMS V BOARD

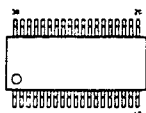


5-4. SEMICONDUCTORE

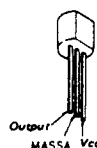
BX1393



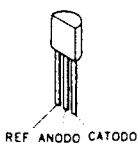
CXK1206M



NJM78L24A



TL431CLP



2SA1175
2SC2785

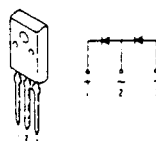
LATO CON LETTERE



2SC3996



D5KD20H



MA3056M
MA3068M
MA3130L

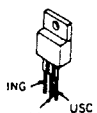


DM-38

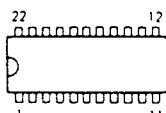
CXA1096M
CXA1114P
CXA1216P
SAA5231-V6
TDA4555-V8
TDA6200
TMM2063P-70



NJM7809FA
μPC7812H

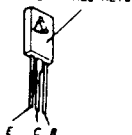


μPC1377C



2SA1220A
2SC2611
2SC2688
2SD882

VISTA PALL'ALTO



2SD788

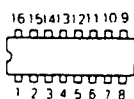


EQB01-05
ERC38-06
ES1F
GP08D
RGP10G
1S1555

MC931



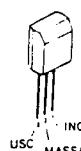
HD14040BP
TC4052BP



VISTA PALL'ALTO

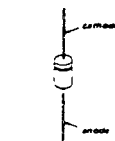
SAB3036
TDA2595-V7

μPC78L12J



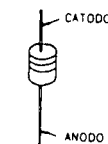
2SA1667
2SC4381
2SD795
2SD1406

2SD1761

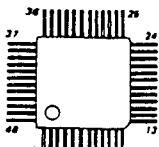


ERB81-004
RU-2M
S3V10SS

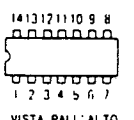
RD3.9ES-L1
RD4.3ES-B2
RD4.7ES-B2
RD6.8ES-B2
RD7.5ES-B3
RD9.1ES-B3
RD33ES-B4
1SS119



CXA1260Q
CXD2001Q



HD14066BP
MC74HC74F
TC74HC00P
74AC04PC



VISTA PALL'ALTO

SDA20160
SDA5243

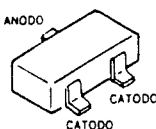


VISTA PALL'ALTO



2SB734-3
2SC2958
2SD774-4

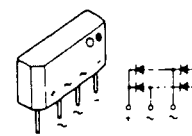
DAN202K



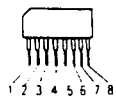
ERD08-15



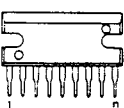
SIVB10S



CX20061



LA4280



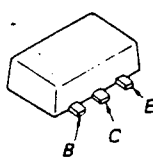
SI-3052V
SI-3122V



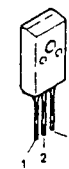
DTA124ES
DTA144ES
DTC124ES
DTC144ES
2SB772
2SC2458



2SC2873Y



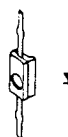
D10SC4MR



ESAC39M-06C

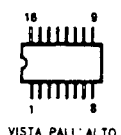


1T33



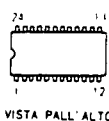
CX23025
PCD8582
TBA129
TEA2014A
TEA2031A
μPC4558C

MC74HC4053F



VISTA PALL'ALTO

TDA8443A



VISTA PALL'ALTO

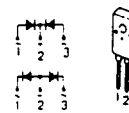
DTC114EK
MMST2907A
2SC2712G



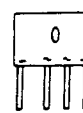
2SC3298B



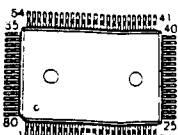
D5KC40H



KBU4JL-6088



CXD2000Q



VISTA PALL'ALTO

M37100M8-617SP



VISTA PALL'ALTO

SECTION 6

EXPLODED VIEWS

NOTE:

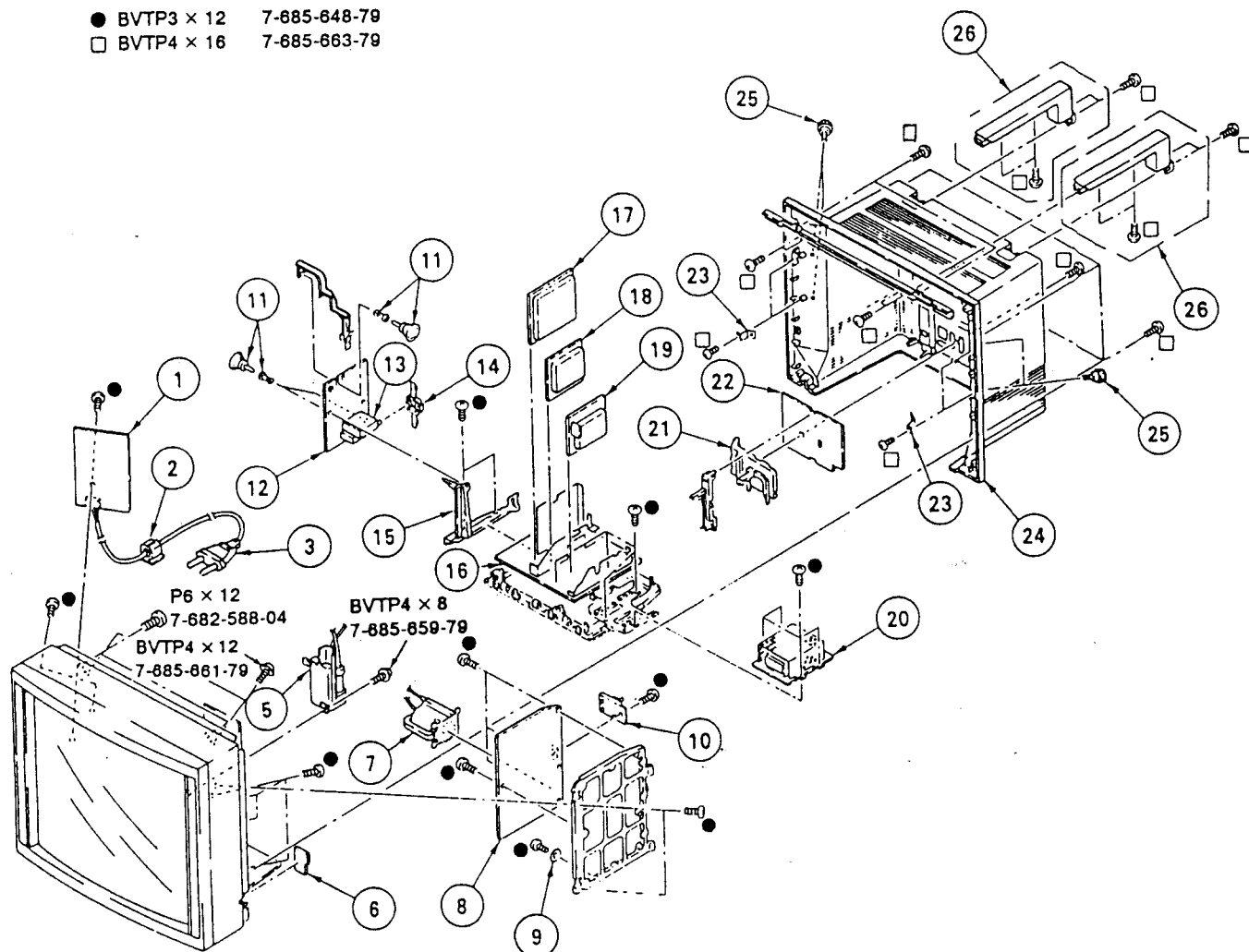
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. CHASSIS

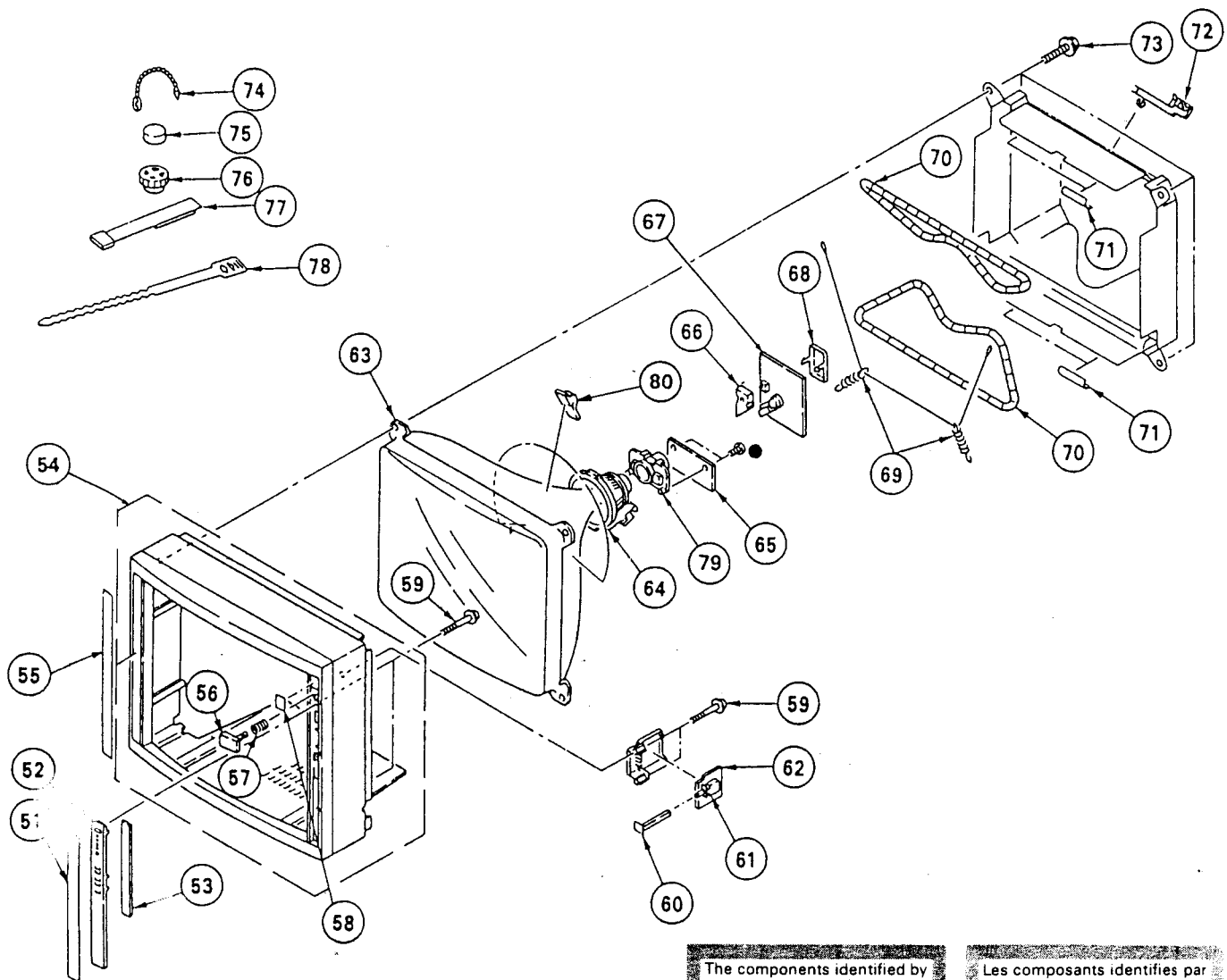
- BVTP3 \times 12 7-685-648-79
- BVTP4 \times 16 7-685-663-79



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
1	*A-1245-436-A	F2 BOARD, COMPLETE		15	*4-386-629-11	BRACKET, A	
2	Δ 4-389-201-02	HOLDER, AC CORD		16	*A-1135-521-A	B BOARD, COMPLETE	
3	Δ 1-559-346-12	CORD, POWER (WITH CONNECTOR)		17	*A-1275-093-A	Q BOARD, COMPLETE	
4	Δ 1-230-940-31	RESISTOR ASSY, HIGH-VOLTAGE		18	*A-1645-009-A	V BOARD, COMPLETE	
5	*1-627-736-11	J2 BOARD		19	*A-1135-526-A	B1 BOARD, COMPLETE	
6	Δ 1-439-443-11	TRANSFORMER ASSY, FLYBACK		20	Δ 1-413-380-11	G BOARD (ZD-109)	
7	*A-1345-798-A	D BOARD, COMPLETE		21	*4-386-624-11	BRACKET, J	
8	3-701-418-00	WASHER, SPECIAL		22	*A-1388-080-A	J1 BOARD, COMPLETE	
9	Δ 1-238-368-11	RESISTOR ASSY, HIGH-VOLTAGE		23	4-390-735-01	BRACKET, SPEAKER	
10	4-386-618-01	RIVET, T TYPE		24	4-390-723-01	COVER, REAR	
11	*A-1296-497-A	A BOARD, COMPLETE		25	X-4374-104-1	SCREW (B) ASSY, ORNAMENTAL	
12	Δ 1-465-059-11	TUNER, ET (UV-616S)		26	X-4390-706-1	HANDLE ASSY	
13	*4-386-617-01	HOLDER, TERMINAL					

6-2. PICTURE TUBE

● BVTP3 × 12 7-685-648-79



The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
51	4-390-734-01	LABEL (B) (R)		66	*4-379-167-01	COVER (MAIN), CV	
52	4-390-714-01	BRACKET, H PC BOARD		67	*A-1330-901-A	C BOARD, COMPLETE	
53	*1-627-728-11	H BOARD		68	*4-379-160-01	COVER (R LID), CV	
54	X-4390-701-2	CABINET ASSY (WITH BEZEL ASSY)	56, 57	69	4-369-318-00	SPRING, TENSION	
55	4-390-733-01	LABEL (L)		70	Δ 1-426-398-11	COIL, MAGNETIZATION	
56	4-390-704-01	BUTTON, POWER		71	*4-860-518-11	PACKING, SPEAKER	
57	3-666-522-00	SPRING, COMPRESSION		72	*4-387-216-01	HOLDER, LEAD	
58	4-390-732-01	LABEL (A) (R)		73	4-373-263-11	SCREW (M), PT	
59	4-319-520-11	SCREW, SPECIAL (+PW4X30)		74	4-308-870-00	CLIP, LEAD WIRE	
60	4-390-701-01	SHAFT, BUTTON		75	1-452-032-00	MAGNET, DISK; 10MM ϕ	
61	Δ 1-571-431-11	SWITCH, PUSH (AC POWER)		76	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM ϕ	
62	*1-627-734-11	F1 BOARD		77	X-4306-312-0	PERMALLOY ASSY, CONVERGENCE	
63	Δ 8-733-823-05	PICTURE TUBE (A68JYK60X)		78	3-701-007-00	BAND, BINDING	
64	Δ 1-451-333-11	DEFLECTION YOKE (Y29FXC)		79	Δ 1-452-509-32	NECK ASSY, PICTURE TUBE (NA-308)	
65	*A-1342-071-A	VM BOARD, COMPLETE		80	3-704-495-01	SPACER, DY	

SECTION 7

ELECTRICAL PARTS LIST

B

NOTE:

The components identified by shading and mark Δ are critical for safety.

Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

• All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

• All resistors are in ohms
• F : nonflammable

When indicating parts by reference number, please include the board name.

CAPACITORS

• MF : μ F, PF : μ F

COILS

• MMH : mH, UH : μ H

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
*A-1135-521-A B BOARD, COMPLETE *****				C346	1-130-483-00	MYLAR	0.01MF 5% 50V
				C347	1-130-479-00	MYLAR	0.0047MF 5% 50V
				C348	1-124-791-11	ELECT	1MF 20% 50V
				C349	1-130-483-00	MYLAR	0.01MF 5% 50V
<CAPACITOR>				C350	1-124-927-11	ELECT	4.7MF 20% 50V
C001	1-124-477-11	ELECT	47MF 20% 16V	C351	1-124-791-11	ELECT	1MF 20% 50V
C002	1-102-129-00	CERAMIC	0.01MF 10% 50V	C352	1-124-927-11	ELECT	4.7MF 20% 50V
C003	1-102-824-00	CERAMIC	470PF 5% 50V	C353	1-130-481-00	MYLAR	0.0068MF 5% 50V
C004	1-124-477-11	ELECT	47MF 20% 16V	C354	1-130-476-00	MYLAR	0.0027MF 5% 50V
C005	1-102-951-00	CERAMIC	15PF 5% 50V	C355	1-130-477-00	MYLAR	0.0033MF 5% 50V
C006	1-102-947-00	CERAMIC	10PF 0.5PF 50V	C401	1-126-320-11	ELECT	10MF 20% 16V
C007	1-130-477-00	MYLAR	0.0033MF 5% 50V	C402	1-126-320-11	ELECT	10MF 20% 16V
C009	1-124-927-11	ELECT	4.7MF 20% 50V	C403	1-126-320-11	ELECT	10MF 20% 16V
C010	1-124-927-11	ELECT	4.7MF 20% 50V	C404	1-124-477-11	ELECT	47MF 20% 16V
C011	1-124-927-11	ELECT	4.7MF 20% 50V	C406	1-136-165-00	FILM	0.1MF 5% 50V
C012	1-124-927-11	ELECT	4.7MF 20% 50V	C407	1-136-165-00	FILM	0.1MF 5% 50V
C013	1-101-361-00	CERAMIC	150PF 5% 50V	C408	1-136-165-00	FILM	0.1MF 5% 50V
C014	1-136-165-00	FILM	0.1MF 5% 50V	C409	1-123-875-11	ELECT	10MF 20% 50V
C015	1-136-165-00	FILM	0.1MF 5% 50V	C410	1-124-477-11	ELECT	47MF 20% 16V
C016	1-102-980-00	CERAMIC	270PF 5% 50V	C415	1-136-165-00	FILM	0.1MF 5% 50V
C017	1-124-555-95	ELECT	1000MF 20% 16V	C416	1-136-165-00	FILM	0.1MF 5% 50V
C018	1-124-478-11	ELECT	100MF 20% 25V	C417	1-136-165-00	FILM	0.1MF 5% 50V
C019	1-124-477-11	ELECT	47MF 20% 16V	C418	1-124-463-00	ELECT	0.1MF 20% 50V
C021	1-124-555-95	ELECT	1000MF 20% 16V	C419	1-124-477-11	ELECT	47MF 20% 16V
C022	1-124-927-11	ELECT	4.7MF 20% 50V	C420	1-126-101-11	ELECT	100MF 20% 16V
C027	1-123-875-11	ELECT	10MF 20% 50V	C421	1-102-953-00	CERAMIC	18PF 5% 50V
C028	1-101-004-00	CERAMIC	0.01MF 5% 50V	C422	1-123-875-11	ELECT	10MF 20% 50V
C029	1-130-477-00	MYLAR	0.0033MF 5% 50V	C423	1-124-477-11	ELECT	47MF 20% 16V
C030	1-102-111-00	CERAMIC	270PF 10% 50V	C424	1-124-477-11	ELECT	47MF 20% 16V
C031	1-123-875-11	ELECT	10MF 20% 50V	C427	1-123-875-11	ELECT	10MF 20% 50V
C045	1-124-463-00	ELECT	0.1MF 20% 50V	C432	1-123-875-11	ELECT	10MF 20% 50V
C251	1-102-074-00	CERAMIC	0.001MF 10% 50V	C434	1-124-477-11	ELECT	47MF 20% 16V
C252	1-124-927-11	ELECT	4.7MF 20% 50V	C435	1-124-477-11	ELECT	47MF 20% 16V
C253	1-124-910-11	ELECT	47MF 20% 50V	C4001	1-123-875-11	ELECT	10MF 20% 50V
C254	1-136-165-00	FILM	0.1MF 5% 50V	C4002	1-126-101-11	ELECT	100MF 20% 16V
C255	1-126-105-11	ELECT	1000MF 20% 35V	C4003	1-124-902-00	ELECT	0.47MF 20% 50V
C256	1-136-167-00	FILM	0.15MF 5% 50V	C4004	1-124-902-00	ELECT	0.47MF 20% 50V
C261	1-102-074-00	CERAMIC	0.001MF 10% 50V	C4005	1-124-902-00	ELECT	0.47MF 20% 50V
C262	1-124-927-11	ELECT	4.7MF 20% 50V	C4006	1-124-464-11	ELECT	0.22MF 20% 50V
C263	1-124-910-11	ELECT	47MF 20% 50V	C4007	1-124-464-11	ELECT	0.22MF 20% 50V
C264	1-136-165-00	FILM	0.1MF 5% 50V	C4008	1-124-464-11	ELECT	0.22MF 20% 50V
C265	1-126-105-11	ELECT	1000MF 20% 35V	C4009	1-102-816-00	CERAMIC	120PF 5% 50V
C266	1-136-167-00	FILM	0.15MF 5% 50V	C4010	1-102-959-00	CERAMIC	22PF 5% 50V
C271	1-124-910-11	ELECT	47MF 20% 50V	C4011	1-126-233-11	ELECT	22MF 20% 50V
C272	1-124-913-95	ELECT	470MF 20% 50V	C4012	1-136-173-00	FILM	0.47MF 5% 50V
C273	1-136-165-00	FILM	0.1MF 5% 50V	C4013	1-101-884-00	CERAMIC	56PF 5% 50V
C340	1-124-477-11	ELECT	47MF 20% 16V	C4014	1-130-483-00	MYLAR	0.01MF 5% 50V
C341	1-130-487-00	MYLAR	0.022MF 5% 50V	C4015	1-102-978-00	CERAMIC	220PF 5% 50V
C342	1-130-471-00	MYLAR	0.001MF 5% 50V	C4016	1-123-875-11	ELECT	10MF 20% 50V
C344	1-130-473-00	MYLAR	0.0015MF 5% 50V	C4017	1-101-004-00	CERAMIC	0.01MF 5% 50V
C345	1-136-169-00	FILM	0.22MF 5% 50V	C4018	1-124-791-11	ELECT	1MF 20% 50V

B

The components identified by shading and mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C4019	1-101-004-00	CERAMIC	0.01MF	50V	D406	8-719-911-19	DIODE 1SS119
C4020	1-123-875-11	ELECT	10MF	20%	D407	8-719-109-81	DIODE RD4.7ES-B2
C4021	1-124-477-11	ELECT	47MF	20%	D408	8-719-911-19	DIODE 1SS119
C4022	1-124-791-11	ELECT	1MF	20%	D411	8-719-911-19	DIODE 1SS119
C4023	1-102-112-00	CERAMIC	330PF	10%	D412	8-719-911-19	DIODE 1SS119
C4024	1-126-101-11	ELECT	100MF	20%	D413	8-719-911-19	DIODE 1SS119
C4030	1-124-791-11	ELECT	1MF	20%	D415	8-719-911-19	DIODE 1SS119
C4031	1-123-875-11	ELECT	10MF	20%	D416	8-719-911-19	DIODE 1SS119
C4032	1-124-791-11	ELECT	1MF	20%	D417	8-719-911-19	DIODE 1SS119
					D4001	8-719-911-19	DIODE 1SS119
<FILTER>					D4002	8-719-911-19	DIODE 1SS119
CF001	1-577-082-11	VIBRATOR, CERAMIC			D4003	8-719-911-19	DIODE 1SS119
					D4029	8-719-911-19	DIODE 1SS119
					D4030	8-719-911-19	DIODE 1SS119
<CONNECTOR>					<IC>		
CNB01	*1-564-511-11	PLUG, CONNECTOR 8P			IC001	8-759-632-66	IC M37100M8-714SP
CNB02	*1-564-508-11	PLUG, CONNECTOR 5P			IC002	8-759-972-43	IC PCD8582
CNB03	*1-566-367-11	CONNECTOR, HINGE (RECEPTACLE)			IC003	8-759-972-43	IC PCD8582
CNB11	*1-566-660-11	CONNECTOR, HINGE (PLUG) 18P			IC004	8-759-232-01	IC TC74HC00AP
CNB13	*1-564-881-11	PLUG, CONNECTOR 4P			IC005	8-749-931-22	IC SI-3122V
CNB21	*1-566-367-11	CONNECTOR, HINGE (RECEPTACLE)				4-363-414-00	SPACER, MICA; IC005
CNB23	*1-564-511-11	PLUG, CONNECTOR 8P				*4-391-704-01	HOLDER (A), TR; IC005
CNB31	*1-565-501-11	CONNECTOR, BOARD TO BOARD 10P			IC251	8-759-803-31	IC LA4280
CNB32	*1-565-501-11	CONNECTOR, BOARD TO BOARD 10P				*4-368-683-01	SPRING; IC251
CNB33	*1-564-509-11	PLUG, CONNECTOR 6P			IC341	8-759-946-99	IC TDA2595-V7
CNB41	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR			IC381	8-759-240-40	IC TC4040BP
CNB42	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR			IC402	8-759-504-21	IC TDA8443A-C4
CNB43	*1-565-509-11	CONNECTOR, BOARD TO BOARD 18P			IC403	8-759-000-49	IC MC14066BCP
CNB44	*1-565-509-11	CONNECTOR, BOARD TO BOARD 18P			IC404	8-759-909-70	IC CX23025
CNB60	*1-508-786-00	PIN, CONNECTOR (5MM PITCH) 2P			IC4002	8-752-034-85	IC CXA1216P
CNB62	*1-564-507-11	PLUG, CONNECTOR 4P			IC4003	8-759-982-10	IC RC7809FA
CNB63	*1-564-509-11	PLUG, CONNECTOR 6P					
CNB81	*1-564-513-11	PLUG, CONNECTOR 10P			<COIL>		
CNB83	*1-564-506-11	PLUG, CONNECTOR 3P			L001	1-410-478-11	INDUCTOR 47UH
CNB89	*1-564-508-11	PLUG, CONNECTOR 5P			L002	1-410-471-11	INDUCTOR 12UH
<DIODE>					L003	1-408-225-00	INDUCTOR 3.3UH
D001	8-719-120-14	DIODE RD3.9ES-L1			L027	1-410-478-11	INDUCTOR 47UH
D002	8-719-911-19	DIODE 1SS119			L4001	1-408-411-00	INDUCTOR 15UH
D003	8-719-911-19	DIODE 1SS119					
D004	8-719-911-19	DIODE 1SS119			<IC LINK>		
D005	8-719-911-19	DIODE 1SS119			PS001 Δ	1-532-637-91	LINK, IC 1A
D006	8-719-911-19	DIODE 1SS119					
D007	8-719-110-80	DIODE RD33ES-B4			<TRANSISTOR>		
D008	8-719-911-19	DIODE 1SS119			Q001	8-729-173-38	TRANSISTOR 2SA733-K
D009	8-719-911-19	DIODE 1SS119			Q002	8-729-119-78	TRANSISTOR 2SC2785-HFE
D011	8-719-911-19	DIODE 1SS119			Q003	8-729-173-38	TRANSISTOR 2SA733-K
D012	8-719-911-19	DIODE 1SS119			Q004	8-729-173-38	TRANSISTOR 2SA733-K
D271	8-719-110-14	DIODE RD9.1ES-B3			Q005	8-729-900-65	TRANSISTOR DTA144ES
D341	8-719-911-19	DIODE 1SS119					
D342	8-719-911-19	DIODE 1SS119			Q271	8-729-900-36	TRANSISTOR DTC124ES
D343	8-719-911-19	DIODE 1SS119			Q340	8-729-119-78	TRANSISTOR 2SC2785-HFE
D344	8-719-120-14	DIODE RD3.9ES-L1			Q341	8-729-119-78	TRANSISTOR 2SC2785-HFE
D347	8-719-911-19	DIODE 1SS119			Q342	8-729-119-78	TRANSISTOR 2SC2785-HFE
D348	8-719-911-19	DIODE 1SS119			Q343	8-729-119-78	TRANSISTOR 2SC2785-HFE
D371	8-719-911-55	DIODE U05G					
D381	8-719-911-19	DIODE 1SS119			Q344	8-729-119-78	TRANSISTOR 2SC2785-HFE
D401	8-719-110-04	DIODE RD7.5ES-B3			Q345	8-729-119-78	TRANSISTOR 2SC2785-HFE
D402	8-719-110-04	DIODE RD7.5ES-B3			Q346	8-729-900-89	TRANSISTOR DTC144ES
D403	8-719-110-04	DIODE RD7.5ES-B3			Q380	8-729-119-78	TRANSISTOR 2SC2785-HFE
D404	8-719-911-19	DIODE 1SS119			Q381	8-729-119-78	TRANSISTOR 2SC2785-HFE
D405	8-719-911-19	DIODE 1SS119			Q382	8-729-900-89	TRANSISTOR DTC144ES

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
Q383	8-729-900-89	TRANSISTOR DTC144ES		R029	1-249-429-11	CARBON 10K 5% 1/4W	
Q401	8-729-119-78	TRANSISTOR 2SC2785-HFE		R030	1-249-431-11	CARBON 15K 5% 1/4W	
Q402	8-729-119-78	TRANSISTOR 2SC2785-HFE		R031	1-249-429-11	CARBON 10K 5% 1/4W	
Q403	8-729-119-78	TRANSISTOR 2SC2785-HFE		R032	1-249-429-11	CARBON 10K 5% 1/4W	
Q404	8-729-119-78	TRANSISTOR 2SC2785-HFE		R033	1-249-432-11	CARBON 18K 5% 1/4W	
Q405	8-729-119-78	TRANSISTOR 2SC2785-HFE		R037	1-249-417-11	CARBON 1K 5% 1/4W	
Q406	8-729-119-78	TRANSISTOR 2SC2785-HFE		R038	1-249-417-11	CARBON 1K 5% 1/4W	
Q407	8-729-119-78	TRANSISTOR 2SC2785-HFE		R039	1-249-417-11	CARBON 1K 5% 1/4W	
Q408	8-729-173-38	TRANSISTOR 2SA733-K		R040	1-249-417-11	CARBON 1K 5% 1/4W	
Q409	8-729-119-78	TRANSISTOR 2SC2785-HFE		R041	1-249-417-11	CARBON 1K 5% 1/4W	
Q410	8-729-119-78	TRANSISTOR 2SC2785-HFE		R042	1-249-417-11	CARBON 1K 5% 1/4W	
Q411	8-729-119-78	TRANSISTOR 2SC2785-HFE		R043	1-249-413-11	CARBON 470 5% 1/4W	
Q412	8-729-119-78	TRANSISTOR 2SC2785-HFE		R044	1-249-413-11	CARBON 470 5% 1/4W	
Q415	8-729-119-78	TRANSISTOR 2SC2785-HFE		R045	1-249-411-11	CARBON 330 5% 1/4W	
Q418	8-729-119-78	TRANSISTOR 2SC2785-HFE		R046	1-249-429-11	CARBON 10K 5% 1/4W	
Q419	8-729-173-38	TRANSISTOR 2SA733-K		R047	1-249-429-11	CARBON 10K 5% 1/4W	
Q420	8-729-119-78	TRANSISTOR 2SC2785-HFE		R048	1-249-429-11	CARBON 10K 5% 1/4W	
Q421	8-729-173-38	TRANSISTOR 2SA733-K		R049	1-249-429-11	CARBON 10K 5% 1/4W	
Q422	8-729-119-78	TRANSISTOR 2SC2785-HFE		R050	1-249-429-11	CARBON 10K 5% 1/4W	
Q423	8-729-173-38	TRANSISTOR 2SA733-K		R051	1-249-429-11	CARBON 10K 5% 1/4W	
Q424	8-729-119-78	TRANSISTOR 2SC2785-HFE		R052	1-249-429-11	CARBON 10K 5% 1/4W	
Q425	8-729-119-78	TRANSISTOR 2SC2785-HFE		R053	1-249-425-11	CARBON 4.7K 5% 1/4W	
Q431	8-729-119-78	TRANSISTOR 2SC2785-HFE		R054	1-249-413-11	CARBON 470 5% 1/4W	
Q4001	8-729-119-78	TRANSISTOR 2SC2785-HFE		R055	1-249-413-11	CARBON 470 5% 1/4W	
Q4004	8-729-173-38	TRANSISTOR 2SA733-K		R056	1-249-429-11	CARBON 10K 5% 1/4W	
Q4005	8-729-119-78	TRANSISTOR 2SC2785-HFE		R057	1-249-429-11	CARBON 10K 5% 1/4W	
Q4006	8-729-119-78	TRANSISTOR 2SC2785-HFE		R058	1-249-429-11	CARBON 10K 5% 1/4W	
Q4007	8-729-119-78	TRANSISTOR 2SC2785-HFE		R059	1-249-417-11	CARBON 1K 5% 1/4W	
Q4008	8-729-119-78	TRANSISTOR 2SC2785-HFE		R060	1-249-417-11	CARBON 1K 5% 1/4W	
Q4009	8-729-119-78	TRANSISTOR 2SC2785-HFE		R061	1-249-413-11	CARBON 470 5% 1/4W	
Q4011	8-729-600-12	TRANSISTOR 2SK108-C		R062	1-249-423-11	CARBON 3.3K 5% 1/4W	
Q4019	8-729-119-78	TRANSISTOR 2SC2785-HFE		R063	1-249-435-11	CARBON 33K 5% 1/4W	
Q4024	8-729-600-12	TRANSISTOR 2SK108-C		R064	1-249-441-11	CARBON 100K 5% 1/4W	
Q4027	8-729-173-38	TRANSISTOR 2SA733-K		R065	1-249-425-11	CARBON 4.7K 5% 1/4W	
Q4028	8-729-119-78	TRANSISTOR 2SC2785-HFE		R066	1-249-425-11	CARBON 4.7K 5% 1/4W	
Q4029	8-729-119-78	TRANSISTOR 2SC2785-HFE		R067	1-249-425-11	CARBON 4.7K 5% 1/4W	
Q4033	8-729-900-36	TRANSISTOR DTC124ES		R068	1-249-431-11	CARBON 15K 5% 1/4W	
Q4045	8-729-900-63	TRANSISTOR DTA124ES		R069	1-249-429-11	CARBON 10K 5% 1/4W	
<RESISTOR>				R070	1-249-421-11	CARBON 2.2K 5% 1/4W	
R001	1-249-413-11	CARBON 470 5% 1/4W		R071	1-249-413-11	CARBON 470 5% 1/4W	
R002	1-249-431-11	CARBON 15K 5% 1/4W		R072	1-249-413-11	CARBON 470 5% 1/4W	
R003	1-249-425-11	CARBON 4.7K 5% 1/4W		R073	1-249-417-11	CARBON 1K 5% 1/4W	
R005	1-249-429-11	CARBON 10K 5% 1/4W		R074	1-249-427-11	CARBON 6.8K 5% 1/4W	
R007	1-249-429-11	CARBON 10K 5% 1/4W		R076	1-249-437-11	CARBON 47K 5% 1/4W	
R008	1-249-429-11	CARBON 10K 5% 1/4W		R077	1-249-437-11	CARBON 47K 5% 1/4W	
R009	1-249-429-11	CARBON 10K 5% 1/4W		R078	1-249-437-11	CARBON 47K 5% 1/4W	
R010	1-249-429-11	CARBON 10K 5% 1/4W		R079	1-249-429-11	CARBON 10K 5% 1/4W	
R011	1-249-429-11	CARBON 10K 5% 1/4W		R082	1-249-429-11	CARBON 10K 5% 1/4W	
R012	1-249-429-11	CARBON 10K 5% 1/4W		R083	1-249-417-11	CARBON 1K 5% 1/4W	
R013	1-249-429-11	CARBON 10K 5% 1/4W		R084	1-249-429-11	CARBON 10K 5% 1/4W	
R014	1-249-429-11	CARBON 10K 5% 1/4W		R251	1-249-419-11	CARBON 1.5K 5% 1/4W	
R015	1-249-425-11	CARBON 4.7K 5% 1/4W		R252	1-249-423-11	CARBON 3.3K 5% 1/4W	
R016	1-249-417-11	CARBON 1K 5% 1/4W		R253	1-249-413-11	CARBON 470 5% 1/4W	
R017	1-249-419-11	CARBON 1.5K 5% 1/4W		R254	1-249-385-11	CARBON 2.2 5% 1/4W	F
R019	1-249-432-11	CARBON 18K 5% 1/4W		R261	1-249-419-11	CARBON 1.5K 5% 1/4W	
R020	1-249-439-11	CARBON 68K 5% 1/4W		R262	1-249-423-11	CARBON 3.3K 5% 1/4W	
R021	1-249-429-11	CARBON 10K 5% 1/4W		R263	1-249-413-11	CARBON 470 5% 1/4W	
R022	1-249-429-11	CARBON 10K 5% 1/4W		R264	1-249-385-11	CARBON 2.2 5% 1/4W	F
R023	1-249-429-11	CARBON 10K 5% 1/4W		R271	1-249-413-11	CARBON 470 5% 1/4W	
R024	1-249-438-11	CARBON 56K 5% 1/4W		R272	1-249-429-11	CARBON 10K 5% 1/4W	
R025	1-249-429-11	CARBON 10K 5% 1/4W		R273	1-249-417-11	CARBON 1K 5% 1/4W	
R026	1-249-429-11	CARBON 10K 5% 1/4W		R333	1-247-883-00	CARBON 150K 5% 1/4W	
				R340	1-249-431-11	CARBON 15K 5% 1/4W	

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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
R341	1-249-425-11	CARBON	4.7K 5% 1/4W	R430	1-249-413-11	CARBON	470 5% 1/4W
R343	1-249-417-11	CARBON	1K 5% 1/4W	R431	1-249-413-11	CARBON	470 5% 1/4W
R344	1-249-425-11	CARBON	4.7K 5% 1/4W	R432	1-249-425-11	CARBON	4.7K 5% 1/4W
R345	1-249-429-11	CARBON	10K 5% 1/4W	R433	1-249-411-11	CARBON	330 5% 1/4W
R346	1-249-425-11	CARBON	4.7K 5% 1/4W	R434	1-249-409-11	CARBON	220 5% 1/4W
R347	1-249-417-11	CARBON	1K 5% 1/4W	R437	1-249-429-11	CARBON	10K 5% 1/4W
R348	1-249-437-11	CARBON	47K 5% 1/4W	R438	1-249-427-11	CARBON	6.8K 5% 1/4W
R349	1-249-429-11	CARBON	10K 5% 1/4W	R439	1-249-413-11	CARBON	470 5% 1/4W
R350	1-249-433-11	CARBON	22K 5% 1/4W	R440	1-249-409-11	CARBON	220 5% 1/4W
R351	1-249-423-11	CARBON	3.3K 5% 1/4W	R441	1-249-417-11	CARBON	1K 5% 1/4W
R352	1-247-883-00	CARBON	150K 5% 1/4W	R442	1-249-417-11	CARBON	1K 5% 1/4W
R353	1-249-416-11	CARBON	820 5% 1/4W	R443	1-249-417-11	CARBON	1K 5% 1/4W
R354	1-249-415-11	CARBON	680 5% 1/4W	R444	1-249-429-11	CARBON	10K 5% 1/4W
R355	1-249-428-11	CARBON	8.2K 5% 1/4W	R445	1-249-427-11	CARBON	6.8K 5% 1/4W
R356	1-249-441-11	CARBON	100K 5% 1/4W	R446	1-249-417-11	CARBON	1K 5% 1/4W
R357	1-247-881-00	CARBON	120K 5% 1/4W	R453	1-249-413-11	CARBON	470 5% 1/4W
R358	1-249-430-11	CARBON	12K 5% 1/4W	R456	1-249-417-11	CARBON	1K 5% 1/4W
R359	1-247-885-00	CARBON	180K 5% 1/4W	R460	1-249-413-11	CARBON	470 5% 1/4W
R360	1-249-425-11	CARBON	4.7K 5% 1/4W	R461	1-249-413-11	CARBON	470 5% 1/4W
R361	1-249-423-11	CARBON	3.3K 5% 1/4W	R462	1-249-413-11	CARBON	470 5% 1/4W
R362	1-249-433-11	CARBON	22K 5% 1/4W	R463	1-249-413-11	CARBON	470 5% 1/4W
R363	1-249-433-11	CARBON	22K 5% 1/4W	R466	1-249-417-11	CARBON	1K 5% 1/4W
R364	1-249-418-11	CARBON	1.2K 5% 1/4W	R467	1-249-425-11	CARBON	4.7K 5% 1/4W
R365	1-249-425-11	CARBON	4.7K 5% 1/4W	R468	1-249-415-11	CARBON	680 5% 1/4W
R366	1-249-417-11	CARBON	1K 5% 1/4W	R470	1-249-425-11	CARBON	4.7K 5% 1/4W
R367	1-249-421-11	CARBON	2.2K 5% 1/4W	R471	1-249-415-11	CARBON	680 5% 1/4W
R368	1-249-429-11	CARBON	10K 5% 1/4W	R473	1-249-425-11	CARBON	4.7K 5% 1/4W
R369	1-249-425-11	CARBON	4.7K 5% 1/4W	R474	1-249-415-11	CARBON	680 5% 1/4W
R370	1-249-413-11	CARBON	470 5% 1/4W	R476	1-249-417-11	CARBON	1K 5% 1/4W
R371	1-249-405-11	CARBON	100 5% 1/4W	R477	1-249-441-11	CARBON	100K 5% 1/4W
R372	1-249-405-11	CARBON	100 5% 1/4W	R478	1-249-429-11	CARBON	10K 5% 1/4W
R373	1-249-417-11	CARBON	1K 5% 1/4W	R479	1-249-429-11	CARBON	10K 5% 1/4W
R374	1-249-431-11	CARBON	15K 5% 1/4W	R480	1-249-429-11	CARBON	10K 5% 1/4W
R375	1-249-435-11	CARBON	33K 5% 1/4W	R481	1-249-407-11	CARBON	150 5% 1/4W
R376	1-249-419-11	CARBON	1.5K 5% 1/4W	R482	1-249-417-11	CARBON	1K 5% 1/4W
R377	1-249-421-11	CARBON	2.2K 5% 1/4W	R483	1-249-417-11	CARBON	1K 5% 1/4W
R378	1-249-422-11	CARBON	2.7K 5% 1/4W	R484	1-249-433-11	CARBON	22K 5% 1/4W
R381	1-249-429-11	CARBON	10K 5% 1/4W	R489	1-247-891-00	CARBON	330K 5% 1/4W
R404	1-249-429-11	CARBON	10K 5% 1/4W	R490	1-247-891-00	CARBON	330K 5% 1/4W
R405	1-249-429-11	CARBON	10K 5% 1/4W	R491	1-249-417-11	CARBON	1K 5% 1/4W
R406	1-249-417-11	CARBON	1K 5% 1/4W	R4001	1-249-436-11	CARBON	39K 5% 1/4W
R407	1-249-429-11	CARBON	10K 5% 1/4W	R4002	1-249-437-11	CARBON	47K 5% 1/4W
R408	1-249-429-11	CARBON	10K 5% 1/4W	R4003	1-249-434-11	CARBON	27K 5% 1/4W
R409	1-249-417-11	CARBON	1K 5% 1/4W	R4004	1-249-437-11	CARBON	47K 5% 1/4W
R410	1-249-429-11	CARBON	10K 5% 1/4W	R4005	1-249-431-11	CARBON	15K 5% 1/4W
R411	1-249-429-11	CARBON	10K 5% 1/4W	R4006	1-249-431-11	CARBON	15K 5% 1/4W
R412	1-249-417-11	CARBON	1K 5% 1/4W	R4007	1-249-421-11	CARBON	2.2K 5% 1/4W
R413	1-249-403-11	CARBON	68 5% 1/4W	R4008	1-249-421-11	CARBON	2.2K 5% 1/4W
R414	1-249-403-11	CARBON	68 5% 1/4W	R4009	1-249-421-11	CARBON	2.2K 5% 1/4W
R415	1-249-403-11	CARBON	68 5% 1/4W	R4010	1-249-436-11	CARBON	39K 5% 1/4W
R416	1-249-419-11	CARBON	1.5K 5% 1/4W	R4011	1-249-422-11	CARBON	2.7K 5% 1/4W
R417	1-249-411-11	CARBON	330 5% 1/4W	R4012	1-249-417-11	CARBON	1K 5% 1/4W
R418	1-249-419-11	CARBON	1.5K 5% 1/4W	R4014	1-249-441-11	CARBON	100K 5% 1/4W
R419	1-249-411-11	CARBON	330 5% 1/4W	R4015	1-249-441-11	CARBON	100K 5% 1/4W
R420	1-249-419-11	CARBON	1.5K 5% 1/4W	R4016	1-249-439-11	CARBON	68K 5% 1/4W
R421	1-249-411-11	CARBON	330 5% 1/4W	R4017	1-249-425-11	CARBON	4.7K 5% 1/4W
R422	1-249-429-11	CARBON	10K 5% 1/4W	R4019	1-249-425-11	CARBON	4.7K 5% 1/4W
R423	1-249-429-11	CARBON	10K 5% 1/4W	R4020	1-249-429-11	CARBON	10K 5% 1/4W
R424	1-249-421-11	CARBON	2.2K 5% 1/4W	R4021	1-249-429-11	CARBON	10K 5% 1/4W
R425	1-247-804-11	CARBON	75 5% 1/4W	R4022	1-249-405-11	CARBON	100 5% 1/4W
R426	1-249-409-11	CARBON	220 5% 1/4W	R4023	1-249-405-11	CARBON	100 5% 1/4W
R427	1-249-425-11	CARBON	4.7K 5% 1/4W	R4024	1-249-405-11	CARBON	100 5% 1/4W
R428	1-249-425-11	CARBON	4.7K 5% 1/4W	R4025	1-249-415-11	CARBON	680 5% 1/4W
R429	1-249-429-11	CARBON	10K 5% 1/4W				

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The components identified by shading and mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
<TRANSISTOR>							
Q3001	8-729-119-78	TRANSISTOR 2SC2785-HFE		R3061	1-249-421-11	CARBON 2.2K 5%	1/4W
Q3002	8-729-119-78	TRANSISTOR 2SC2785-HFE		R3062	1-249-421-11	CARBON 2.2K 5%	1/4W
Q3003	8-729-900-36	TRANSISTOR DTC124ES		R3063	1-249-401-11	CARBON 47 5%	1/4W
Q3004	8-729-119-78	TRANSISTOR 2SC2785-HFE		R3064	1-249-433-11	CARBON 22K 5%	1/4W
Q3006	8-729-900-36	TRANSISTOR DTC124ES		R3065	1-249-433-11	CARBON 22K 5%	1/4W
Q3007	8-729-900-36	TRANSISTOR DTC124ES		R3071	1-249-423-11	CARBON 3.3K 5%	1/4W
Q3008	8-729-900-36	TRANSISTOR DTC124ES		R3072	1-249-423-11	CARBON 3.3K 5%	1/4W
Q3009	8-729-119-78	TRANSISTOR 2SC2785-HFE		R3075	1-249-437-11	CARBON 47K 5%	1/4W
Q3013	8-729-119-78	TRANSISTOR 2SC2785-HFE		R3076	1-249-437-11	CARBON 47K 5%	1/4W
Q3020	8-729-119-78	TRANSISTOR 2SC2785-HFE		R3077	1-249-441-11	CARBON 100K 5%	1/4W
Q3021	8-729-119-78	TRANSISTOR 2SC2785-HFE		R3081	1-249-441-11	CARBON 100K 5%	1/4W
Q3025	8-729-119-78	TRANSISTOR 2SC2785-HFE		R3085	1-249-417-11	CARBON 1K 5%	1/4W
Q3026	8-729-900-36	TRANSISTOR DTC124ES		R3086	1-249-435-11	CARBON 33K 5%	1/4W
Q3027	8-729-119-78	TRANSISTOR 2SC2785-HFE		R3087	1-249-416-11	CARBON 820 5%	1/4W
Q3028	8-729-119-78	TRANSISTOR 2SC2785-HFE		R3088	1-249-414-11	CARBON 560 5%	1/4W
Q3031	8-729-119-78	TRANSISTOR 2SC2785-HFE		R3089	1-249-417-11	CARBON 1K 5%	1/4W
Q3032	8-729-173-38	TRANSISTOR 2SA733-K		R3090	1-249-410-11	CARBON 270 5%	1/4W
<RESISTOR>				R3091	1-249-413-11	CARBON 470 5%	1/4W
R3001	1-249-418-11	CARBON 1.2K 5%	1/4W	R3092	1-249-412-11	CARBON 390 5%	1/4W
R3002	1-249-415-11	CARBON 680 5%	1/4W	R3093	1-249-409-11	CARBON 220 5%	1/4W
R3003	1-249-408-11	CARBON 180 5%	1/4W	R3094	1-249-417-11	CARBON 1K 5%	1/4W
R3004	1-249-412-11	CARBON 390 5%	1/4W	<VARIABLE RESISTOR>			
R3005	1-249-418-11	CARBON 1.2K 5%	1/4W	RV3001	1-230-504-11	RES, ADJ. CARBON 220	
R3006	1-249-429-11	CARBON 10K 5%	1/4W	<TRANSFORMER>			
R3007	1-215-438-00	METAL 5.1K 1%	1/6W	T3001	1-404-584-11	COIL	
R3008	1-249-439-11	CARBON 68K 5%	1/4W	<CRYSTAL>			
R3009	1-249-430-11	CARBON 12K 5%	1/4W	X3001	1-567-131-00	OSCILLATOR, CRYSTAL	
R3011	1-249-439-11	CARBON 68K 5%	1/4W	X3002	1-567-413-11	VIBRATOR, CRYSTAL	
R3012	1-249-414-11	CARBON 560 5%	1/4W	*****			
R3013	1-249-433-11	CARBON 22K 5%	1/4W	*1-627-734-11	F1 BOARD	*****	
R3015	1-249-437-11	CARBON 47K 5%	1/4W	<CONNECTOR>			
R3017	1-249-441-11	CARBON 100K 5%	1/4W	CNF62	*1-566-664-11	PIN, CONNECTOR 4P	
R3018	1-249-419-11	CARBON 1.5K 5%	1/4W	<SWITCH>			
R3019	1-249-410-11	CARBON 270 5%	1/4W	S1601 Δ	1-571-433-11	SWITCH, PUSH (AC POWER)	
R3020	1-249-416-11	CARBON 820 5%	1/4W	*****			
R3021	1-249-417-11	CARBON 1K 5%	1/4W	*1-1245-436-A	F2 BOARD, COMPLETE	*****	
R3022	1-249-410-11	CARBON 270 5%	1/4W	<CAPACITOR>			
R3023	1-249-423-11	CARBON 3.3K 5%	1/4W	C1601 Δ	1-136-519-11	FILM 0.47MF 20%	300V
R3024	1-249-405-11	CARBON 100 5%	1/4W	C1602 Δ	1-136-518-11	FILM 0.33MF 20%	300V
R3025	1-249-435-11	CARBON 33K 5%	1/4W	C1604 Δ	1-161-964-61	CERAMIC 0.0047MF	250V
R3026	1-249-416-11	CARBON 820 5%	1/4W	C1605 Δ	1-161-964-61	CERAMIC 0.0047MF	250V
R3027	1-249-436-11	CARBON 39K 5%	1/4W	C1606	1-162-599-12	CERAMIC 0.0047MF	250V
R3028	1-249-419-11	CARBON 1.5K 5%	1/4W	C1607	1-125-318-00	ELECT(BLOCK) 220MF	400V
R3029	1-249-436-11	CARBON 39K 5%	1/4W	C1608 Δ	1-162-578-51	CERAMIC 0.0047MF	20%
R3030	1-249-435-11	CARBON 33K 5%	1/4W	C1609 Δ	1-162-578-51	CERAMIC 0.0047MF	20%
R3031	1-249-419-11	CARBON 1.5K 5%	1/4W	C1610 Δ	1-162-578-51	CERAMIC 0.0047MF	20%
R3032	1-249-414-11	CARBON 560 5%	1/4W	C1611 Δ	1-162-578-51	CERAMIC 0.0047MF	20%
R3033	1-249-435-11	CARBON 33K 5%	1/4W				
R3034	1-249-436-11	CARBON 39K 5%	1/4W				
R3035	1-249-436-11	CARBON 39K 5%	1/4W				
R3037	1-249-429-11	CARBON 10K 5%	1/4W				
R3038	1-249-429-11	CARBON 10K 5%	1/4W				
R3039	1-249-419-11	CARBON 1.5K 5%	1/4W				
R3040	1-249-421-11	CARBON 2.2K 5%	1/4W				
R3048	1-249-434-11	CARBON 27K 5%	1/4W				
R3049	1-249-405-11	CARBON 100 5%	1/4W				
R3056	1-247-893-11	CARBON 390K 5%	1/4W				
R3057	1-247-893-11	CARBON 390K 5%	1/4W				
R3058	1-249-409-11	CARBON 220 5%	1/4W				

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RV-PA2321B
RM-698/SS-XT291

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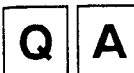
REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C1612	1-124-556-11	ELECT	2200MF 20% 16V	R1609 Δ	1-249-377-51	CARBON	0.47 5% 1/4W F
C1613	1-124-911-95	ELECT	220MF 20% 50V	R1610	1-249-423-11	CARBON	3.3K 5% 1/4W
C1614	1-123-875-11	ELECT	10MF 20% 50V	R1611	1-249-425-11	CARBON	4.7K 5% 1/4W
C1615	1-124-473-95	ELECT	1000MF 20% 10V	R1612	1-249-423-11	CARBON	3.3K 5% 1/4W
C1616	1-124-477-11	ELECT	47MF 20% 16V	R1613	1-249-421-11	CARBON	2.2K 5% 1/4W
C1617	1-124-791-11	ELECT	1MF 20% 50V	R1615	1-249-421-11	CARBON	2.2K 5% 1/4W
C1618	1-124-477-11	ELECT	47MF 20% 16V	R1623 Δ	1-205-949-11	WIREWOUND	1.8 5% 10W F
C1621	1-126-101-11	ELECT	100MF 20% 16V				
C1622	1-126-101-11	ELECT	100MF 20% 16V				
C1623	1-126-176-11	ELECT	220MF 20% 10V				
C1624	1-162-599-12	CERAMIC	0.0047MF 250V				
		<CONNECTOR>					
CNF20	*1-566-664-11	PIN, CONNECTOR 4P					
CNF21	*1-566-664-11	PIN, CONNECTOR 4P					
CNF22	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)					
CNF63	*1-564-509-11	PLUG, CONNECTOR 6P					
CNF64	*1-508-766-00	PIN, CONNECTOR (5MM PITCH) 4P					
CNF65	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P					
CNF67	*1-564-506-11	PLUG, CONNECTOR 3P					
CNF68	*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P					
CNF81	*1-508-786-00	PIN, CONNECTOR (5MM PITCH) 2P					
		<DIODE>					
D1601 Δ	8-719-946-90	DIODE KBU4JL-6088					
D1602 Δ	8-719-521-10	DIODE S1VB10-S					
D1603	8-719-911-19	DIODE ISS119					
D1604	8-719-911-19	DIODE ISS119					
D1605	8-719-109-97	DIODE RD6.8ES-B2					
D1606	8-719-911-19	DIODE ISS119					
		<FUSE>					
F1601 Δ	1-532-504-41	FUSE 4A/250V					
	1-533-087-00	HOLDER, FUSE; F1601					
		<IC>					
IC1601	8-759-982-13	IC RC7812FA					
IC1603	8-749-920-71	IC S13522V					
	4-377-115-01	SPACER, MICA; IC1603					
	*4-391-704-01	HOLDER (A), TR; IC1603					
		<TRANSFORMER>					
LF1601 Δ	1-424-183-11	TRANSFORMER, LINE FILTER					
LF1602 Δ	1-424-183-11	TRANSFORMER, LINE FILTER					
LF1603 Δ	1-421-592-21	TRANSFORMER, FERRITE					
T1601	1-449-456-11	TRANSFORMER, POWER					
		<TRANSISTOR>					
Q1601	8-729-109-53	TRANSISTOR 2SD795A-P					
Q1602	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q1603	8-729-119-78	TRANSISTOR 2SC2785-HFE					
		<RESISTOR>					
R1603 Δ	1-205-949-11	WIREWOUND	1.8 5% 10W F				
R1604 Δ	1-244-945-91	CARBON	1M 5% 1/2W				
R1606 Δ	1-247-289-11	CARBON	8.2M 5% 1W				
R1607 Δ	1-249-377-51	CARBON	0.47 5% 1/4W F				
R1608 Δ	1-249-377-51	CARBON	0.47 5% 1/4W F				
		<RELAY>					
RY1601 Δ	1-515-579-11	RELAY					
		<THERMISTOR>					
THP601 Δ	1-808-059-31	THERMISTOR, POSITIVE					

		*A-1275-093-A Q BOARD, COMPLETE					

		<CAPACITOR>					
C1301	1-131-381-00	TANTALUM	47MF 10% 10V				
C1302	1-101-004-00	CERAMIC	0.01MF 50V				
C1303	1-126-101-11	ELECT	100MF 20% 16V				
C1304	1-101-004-00	CERAMIC	0.01MF 50V				
C1305	1-131-381-00	TANTALUM	47MF 10% 10V				
C1306	1-101-004-00	CERAMIC	0.01MF 50V				
C1307	1-131-377-00	TANTALUM	10MF 10% 10V				
C1308	1-101-004-00	CERAMIC	0.01MF 50V				
C1309	1-131-377-00	TANTALUM	10MF 10% 10V				
C1310	1-101-004-00	CERAMIC	0.01MF 50V				
C1311	1-126-101-11	ELECT	100MF 20% 16V				
C1312	1-101-004-00	CERAMIC	0.01MF 50V				
C1313	1-131-381-00	TANTALUM	47MF 10% 10V				
C1314	1-101-004-00	CERAMIC	0.01MF 50V				
C1315	1-123-875-11	ELECT	10MF 20% 50V				
C1316	1-123-875-11	ELECT	10MF 20% 50V				
C1317	1-101-004-00	CERAMIC	0.01MF 50V				
C1318	1-101-004-00	CERAMIC	0.01MF 50V				
C1319	1-101-004-00	CERAMIC	0.01MF 50V				
C1320	1-123-875-11	ELECT	10MF 20% 50V				
C1321	1-123-875-11	ELECT	10MF 20% 50V				
C1322	1-101-004-00	CERAMIC	0.01MF 50V				
C1323	1-101-004-00	CERAMIC	0.01MF 50V				
C1324	1-101-004-00	CERAMIC	0.01MF 50V				
C1325	1-123-875-11	ELECT	10MF 20% 50V				
C1326	1-123-875-11	ELECT	10MF 20% 50V				
C1327	1-101-004-00	CERAMIC	0.01MF 50V				
C1328	1-101-004-00	CERAMIC	0.01MF 50V				
C1329	1-101-004-00	CERAMIC	0.01MF 50V				
C1336	1-131-377-00	TANTALUM	10MF 10% 10V				
C1337	1-101-004-00	CERAMIC	0.01MF 50V				
C1338	1-131-377-00	TANTALUM	10MF 10% 10V				
C1339	1-101-004-00	CERAMIC	0.01MF 50V				
C1340	1-123-875-11	ELECT	10MF 20% 50V				
C1343	1-101-004-00	CERAMIC	0.01MF 50V				
C1344	1-101-004-00	CERAMIC	0.01MF 50V				
C1345	1-101-004-00	CERAMIC	0.01MF 50V				
C1348	1-101-004-00	CERAMIC	0.01MF 50V				
C1349	1-101-004-00	CERAMIC	0.01MF 50V				
C1350	1-101-004-00	CERAMIC	0.01MF 50V				

Q

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C1353	1-101-004-00	CERAMIC	0.01MF	50V	<IC>		
C1354	1-101-004-00	CERAMIC	0.01MF	50V	IC1301	8-752-032-55	IC CXA1096M
C1355	1-101-004-00	CERAMIC	0.01MF	50V	IC1302	8-752-032-55	IC CXA1096M
C1356	1-101-004-00	CERAMIC	0.01MF	50V	IC1303	8-752-032-55	IC CXA1096M
C1357	1-101-004-00	CERAMIC	0.01MF	50V	IC1304	8-752-328-75	IC CXD2001Q
					IC1305	8-752-332-15	IC CXK1206M
C1358	1-101-004-00	CERAMIC	0.01MF	50V	IC1306	8-752-332-15	IC CXK1206M
C1359	1-101-004-00	CERAMIC	0.01MF	50V	IC1307	8-752-328-75	IC CXD2001Q
C1360	1-101-004-00	CERAMIC	0.01MF	50V	IC1308	8-752-332-15	IC CXK1206M
C1361	1-130-490-11	MYLAR	0.039MF	5% 50V	IC1309	8-752-332-15	IC CXK1206M
C1362	1-124-925-11	ELECT	2.2MF	20% 50V	IC1310	8-752-328-75	IC CXD2001Q
C1364	1-102-074-00	CERAMIC	0.001MF	10% 50V	IC1311	8-752-332-15	IC CXK1206M
C1365	1-102-947-00	CERAMIC	10PF	0.5PF 50V	IC1312	8-752-332-15	IC CXK1206M
C1366	1-102-973-00	CERAMIC	100PF	5% 50V	IC1314	8-752-328-71	IC CXD2000Q
C1367	1-102-973-00	CERAMIC	100PF	5% 50V	IC1315	8-759-908-15	IC TL431CLP
C1368	1-102-973-00	CERAMIC	100PF	5% 50V	IC1316	8-759-947-14	IC 74AC04PC
C1369	1-102-973-00	CERAMIC	100PF	5% 50V	IC1317	8-752-032-93	IC CXA1260Q-Z
C1370	1-101-004-00	CERAMIC	0.01MF	50V	IC1321	8-759-205-06	IC TC74HC74F
C1371	1-131-377-00	TANTALUM	10MF	10% 10V	IC1322	8-759-011-65	IC MC74HC4053F
C1372	1-101-004-00	CERAMIC	0.01MF	50V	<COIL>		
C1373	1-101-004-00	CERAMIC	0.01MF	50V	L1304	1-410-470-11	INDUCTOR 10UH
C1374	1-124-963-11	ELECT	33MF	20% 16V	L1305	1-408-397-00	INDUCTOR 1UH
C1375	1-124-963-11	ELECT	33MF	20% 16V	L1306	1-408-397-00	INDUCTOR 1UH
C1376	1-124-963-11	ELECT	33MF	20% 16V	L1307	1-410-470-11	INDUCTOR 10UH
C1377	1-123-875-11	ELECT	10MF	20% 50V	L1308	1-408-397-00	INDUCTOR 1UH
C1385	1-123-875-11	ELECT	10MF	20% 50V	L1312	1-404-608-11	COIL
C1389	1-130-480-00	MYLAR	0.0056MF	5% 50V	<TRANSISTOR>		
C1390	1-124-791-11	ELECT	1MF	20% 50V	Q1301	8-729-119-78	TRANSISTOR 2SC2785-HFE
<CONNECTOR>				Q1302	8-729-119-78	TRANSISTOR 2SC2785-HFE	
CNQ43	*1-565-494-11	CONNECTOR, BOARD TO BOARD 18P		Q1303	8-729-119-78	TRANSISTOR 2SC2785-HFE	
CNQ44	*1-565-494-11	CONNECTOR, BOARD TO BOARD 18P		Q1305	8-729-119-76	TRANSISTOR 2SA1175-HFE	
<DIODE>				Q1306	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D1301	8-713-300-57	DIODE 1T33		Q1307	8-729-119-76	TRANSISTOR 2SA1175-HFE	
<FILTER>				Q1308	8-729-119-78	TRANSISTOR 2SC2785-HFE	
FL1301	1-236-164-11	ENCAPSULATED COMPONENT		Q1315	8-729-119-78	TRANSISTOR 2SC2785-HFE	
FL1302	1-236-129-11	ENCAPSULATED COMPONENT		<RESISTOR>			
FL1303	1-236-164-11	ENCAPSULATED COMPONENT		R1301	1-249-408-11	CARBON 180 5% 1/4W	
FL1304	1-236-164-11	ENCAPSULATED COMPONENT		R1302	1-249-408-11	CARBON 180 5% 1/4W	
FL1305	1-236-071-11	ENCAPSULATED COMPONENT		R1303	1-249-408-11	CARBON 180 5% 1/4W	
FL1306	1-236-071-11	ENCAPSULATED COMPONENT		R1304	1-249-420-11	CARBON 1.8K 5% 1/4W	
FL1307	1-236-129-11	ENCAPSULATED COMPONENT		R1305	1-249-420-11	CARBON 1.8K 5% 1/4W	
FL1308	1-236-129-11	ENCAPSULATED COMPONENT		R1306	1-249-420-11	CARBON 1.8K 5% 1/4W	
FL1309	1-236-164-11	ENCAPSULATED COMPONENT		R1307	1-249-413-11	CARBON 470 5% 1/4W	
FL1310	1-236-129-11	ENCAPSULATED COMPONENT		R1308	1-249-421-11	CARBON 2.2K 5% 1/4W	
FL1311	1-236-164-11	ENCAPSULATED COMPONENT		R1309	1-249-423-11	CARBON 3.3K 5% 1/4W	
FL1312	1-236-164-11	ENCAPSULATED COMPONENT		R1310	1-249-423-11	CARBON 3.3K 5% 1/4W	
FL1313	1-236-164-11	ENCAPSULATED COMPONENT		R1311	1-249-423-11	CARBON 3.3K 5% 1/4W	
FL1314	1-236-164-11	ENCAPSULATED COMPONENT		R1312	1-249-414-11	CARBON 560 5% 1/4W	
FL1315	1-236-129-11	ENCAPSULATED COMPONENT		R1313	1-249-414-11	CARBON 560 5% 1/4W	
FL1320	1-236-304-11	FILTER, LOW PASS		R1314	1-249-414-11	CARBON 560 5% 1/4W	
FL1321	1-236-304-11	FILTER, LOW PASS		R1315	1-249-419-11	CARBON 1.5K 5% 1/4W	
FL1322	1-236-304-11	FILTER, LOW PASS		R1316	1-249-419-11	CARBON 1.5K 5% 1/4W	
FL1323	1-236-303-11	FILTER, LOW PASS		R1317	1-247-891-00	CARBON 330K 5% 1/4W	
FL1324	1-236-303-11	FILTER, LOW PASS		R1318	1-249-417-11	CARBON 1K 5% 1/4W	
FL1325	1-236-303-11	FILTER, LOW PASS		R1319	1-249-441-11	CARBON 100K 5% 1/4W	
				R1320	1-249-415-11	CARBON 680 5% 1/4W	
				R1321	1-249-417-11	CARBON 1K 5% 1/4W	
				R1322	1-249-417-11	CARBON 1K 5% 1/4W	
				R1323	1-249-417-11	CARBON 1K 5% 1/4W	



REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
R1324	1-249-417-11	CARBON	1K 5% 1/4W	C133	1-102-973-00	CERAMIC	100PF 5% 50V
R1325	1-249-409-11	CARBON	220 5% 1/4W	C134	1-102-963-00	CERAMIC	33PF 5% 50V
R1326	1-249-409-11	CARBON	220 5% 1/4W	C135	1-124-477-11	ELECT	47MF 20% 16V
R1327	1-249-409-11	CARBON	220 5% 1/4W	C136	1-124-477-11	ELECT	47MF 20% 16V
R1328	1-249-408-11	CARBON	180 5% 1/4W	C137	1-124-477-11	ELECT	47MF 20% 16V
R1329	1-249-397-11	CARBON	22 5% 1/4W	C138	1-136-165-00	FILM	0.1MF 5% 50V
R1330	1-249-417-11	CARBON	1K 5% 1/4W	C141	1-102-822-00	CERAMIC	390PF 5% 50V
R1331	1-247-735-11	CARBON	47 5% 1/2W	C142	1-101-361-00	CERAMIC	150PF 5% 50V
R1332	1-249-397-11	CARBON	22 5% 1/4W	C143	1-102-973-00	CERAMIC	100PF 5% 50V
R1333	1-249-413-11	CARBON	470 5% 1/4W	C145	1-101-888-00	CERAMIC	68PF 5% 50V
R1334	1-249-423-11	CARBON	3.3K 5% 1/4W	C149	1-102-114-00	CERAMIC	470PF 10% 50V
R1335	1-249-421-11	CARBON	2.2K 5% 1/4W	C150	1-102-114-00	CERAMIC	470PF 10% 50V
R1336	1-249-409-11	CARBON	220 5% 1/4W	C151	1-124-477-11	ELECT	47MF 20% 16V
R1337	1-249-409-11	CARBON	220 5% 1/4W	C152	1-136-161-00	FILM	0.047MF 5% 50V
R1359	1-249-403-11	CARBON	68 5% 1/4W	C153	1-101-004-00	CERAMIC	0.01MF 50V
R1360	1-249-429-11	CARBON	10K 5% 1/4W	C154	1-101-004-00	CERAMIC	0.01MF 50V
R1361	1-249-429-11	CARBON	10K 5% 1/4W	C155	1-124-477-11	ELECT	47MF 20% 16V
R1368	1-249-417-11	CARBON	1K 5% 1/4W	<FILTER>			
R1369	1-249-414-11	CARBON	560 5% 1/4W	CD101	1-404-684-11	DISCRIMINATOR, CERAMIC	
R1370	1-249-409-11	CARBON	220 5% 1/4W	CF101	1-567-569-11	FILTER, CERAMIC	
R1371	1-247-887-00	CARBON	220K 5% 1/4W	<CONNECTOR>			
R1372	1-249-441-11	CARBON	100K 5% 1/4W	CNA11	*1-566-659-11	CONNECTOR, HINGE (SOCKET) 18P	
R1373	1-249-417-11	CARBON	1K 5% 1/4W	CNA18	*1-565-503-11	CONNECTOR, BOARD TO BOARD 12P	
R1374	1-249-417-11	CARBON	1K 5% 1/4W	<DIODE>			
R1375	1-247-887-00	CARBON	220K 5% 1/4W	D101	8-719-016-42	DIODE MC932	
R1376	1-247-887-00	CARBON	220K 5% 1/4W	D108	8-719-911-19	DIODE 1SS119	
R1377	1-247-887-00	CARBON	220K 5% 1/4W	D109	8-719-911-19	DIODE 1SS119	

*A-1296-497-A A BOARD, COMPLETE				<IC>			
*****				IC101	8-759-208-08	IC TC4052BPHB	
1-464-964-21 IF BLOCK (1FG-5.5S)				IC102	8-759-946-32	IC TEA2014A	
<CAPACITOR>				IC103	8-759-978-65	IC SAB3036	
C101	1-126-233-11	ELECT	22MF 20% 50V	IC105	8-759-003-90	IC TBA129	
C102	1-126-103-11	ELECT	470MF 20% 16V	<COIL>			
C103	1-130-475-00	MYLAR	0.0022MF 5% 50V	L100	1-410-116-11	INDUCTOR	560UH
C104	1-124-477-11	ELECT	47MF 20% 16V	L101	1-408-225-00	INDUCTOR	3.3UH
C105	1-101-003-00	CERAMIC	0.0047MF 50V	L102	1-410-470-11	INDUCTOR	10UH
C106	1-126-233-11	ELECT	22MF 20% 50V	L103	1-408-408-00	INDUCTOR	8.2UH
C107	1-136-177-00	FILM	1MF 5% 50V	L104	1-410-476-11	INDUCTOR	33UH
C108	1-101-004-00	CERAMIC	0.01MF 50V	L106	1-410-471-11	INDUCTOR	12UH
C109	1-101-003-00	CERAMIC	0.0047MF 50V	L108	1-410-471-11	INDUCTOR	12UH
C110	1-101-003-00	CERAMIC	0.0047MF 50V	L109	1-408-422-00	INDUCTOR	120UH
C111	1-124-477-11	ELECT	47MF 20% 16V	<TRANSISTOR>			
C112	1-101-003-00	CERAMIC	0.0047MF 50V	Q106	8-729-900-65	TRANSISTOR DTA144ES	
C113	1-101-004-00	CERAMIC	0.01MF 50V	Q107	8-729-900-89	TRANSISTOR DTC144ES	
C115	1-123-875-11	ELECT	10MF 20% 50V	Q109	8-729-901-59	TRANSISTOR BF199	
C116	1-123-875-11	ELECT	10MF 20% 50V	Q110	8-729-119-78	TRANSISTOR 2SC2785-HFE	
C117	1-123-875-11	ELECT	10MF 20% 50V	Q111	8-729-119-78	TRANSISTOR 2SC2785-HFE	
C118	1-123-875-11	ELECT	10MF 20% 50V	Q112	8-729-119-78	TRANSISTOR 2SC2785-HFE	
C119	1-136-161-00	FILM	0.047MF 5% 50V	Q113	8-729-119-78	TRANSISTOR 2SC2785-HFE	
C120	1-102-965-00	CERAMIC	39PF 5% 50V	Q114	8-729-119-78	TRANSISTOR 2SC2785-HFE	
C121	1-124-477-11	ELECT	47MF 20% 16V	Q115	8-729-119-78	TRANSISTOR 2SC2785-HFE	
C122	1-124-477-11	ELECT	47MF 20% 16V	Q116	8-729-119-78	TRANSISTOR 2SC2785-HFE	
C123	1-101-004-00	CERAMIC	0.01MF 50V	Q118	8-729-173-38	TRANSISTOR 2SA733-K	
C124	1-124-477-11	ELECT	47MF 20% 16V				
C127	1-124-477-11	ELECT	47MF 20% 16V				
C128	1-124-477-11	ELECT	47MF 20% 16V				
C129	1-124-477-11	ELECT	47MF 20% 16V				
C130	1-126-101-11	ELECT	100MF 20% 16V				
C132	1-101-888-00	CERAMIC	68PF 5% 50V				



The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NO.	PART NO.	DESCRIPTION	REMARK
<RESISTOR>			
R102	1-249-429-11	CARBON 10K 5% 1/4W	
R103	1-249-429-11	CARBON 10K 5% 1/4W	
R104	1-249-437-11	CARBON 47K 5% 1/4W	
R105	1-249-425-11	CARBON 4.7K 5% 1/4W	
R106	1-249-425-11	CARBON 4.7K 5% 1/4W	
R107	1-249-432-11	CARBON 18K 5% 1/4W	
R109	1-249-441-11	CARBON 100K 5% 1/4W	
R110	1-249-429-11	CARBON 10K 5% 1/4W	
R111	1-249-423-11	CARBON 3.3K 5% 1/4W	
R112	1-249-425-11	CARBON 4.7K 5% 1/4W	
R113	1-249-425-11	CARBON 4.7K 5% 1/4W	
R114	1-249-413-11	CARBON 470 5% 1/4W	
R115	1-249-405-11	CARBON 100 5% 1/4W	
R118	1-249-429-11	CARBON 10K 5% 1/4W	
R121	1-249-429-11	CARBON 10K 5% 1/4W	
R122	1-249-428-11	CARBON 8.2K 5% 1/4W	
R123	1-249-431-11	CARBON 15K 5% 1/4W	
R124	1-249-431-11	CARBON 15K 5% 1/4W	
R125	1-249-431-11	CARBON 15K 5% 1/4W	
R126	1-249-431-11	CARBON 15K 5% 1/4W	
R127	1-249-431-11	CARBON 15K 5% 1/4W	
R128	1-249-413-11	CARBON 470 5% 1/4W	
R129	1-249-421-11	CARBON 2.2K 5% 1/4W	
R130	1-249-421-11	CARBON 2.2K 5% 1/4W	
R131	1-249-422-11	CARBON 2.7K 5% 1/4W	
R133	1-249-422-11	CARBON 2.7K 5% 1/4W	
R134	1-249-422-11	CARBON 2.7K 5% 1/4W	
R136	1-249-413-11	CARBON 470 5% 1/4W	
R137	1-249-405-11	CARBON 100 5% 1/4W	
R138	1-249-413-11	CARBON 470 5% 1/4W	
R139	1-249-413-11	CARBON 470 5% 1/4W	
R140	1-249-418-11	CARBON 1.2K 5% 1/4W	
R141	1-249-413-11	CARBON 470 5% 1/4W	
R142	1-249-413-11	CARBON 470 5% 1/4W	
R143	1-249-416-11	CARBON 820 5% 1/4W	
R144	1-249-417-11	CARBON 1K 5% 1/4W	
R145	1-249-413-11	CARBON 470 5% 1/4W	
R146	1-249-421-11	CARBON 2.2K 5% 1/4W	
R147	1-249-429-11	CARBON 10K 5% 1/4W	
R152	1-249-417-11	CARBON 1K 5% 1/4W	
R153	1-249-417-11	CARBON 1K 5% 1/4W	
R154	1-249-414-11	CARBON 560 5% 1/4W	
R155	1-249-417-11	CARBON 1K 5% 1/4W	
R157	1-249-417-11	CARBON 1K 5% 1/4W	
R158	1-249-409-11	CARBON 220 5% 1/4W	
R159	1-249-409-11	CARBON 220 5% 1/4W	
R160	1-249-396-11	CARBON 18 5% 1/4W	
R164	1-249-401-11	CARBON 47 5% 1/4W	
R165	1-249-401-11	CARBON 47 5% 1/4W	
R166	1-249-431-11	CARBON 15K 5% 1/4W	

<IF BLOCK>

SIF101	1-464-963-21	IF BLOCK (IFG-334F)
VIF101	1-464-962-21	IF BLOCK (IFG-389FS)

<TRANSFORMER>

T101	1-404-806-11	COIL
T102	1-404-493-00	COIL

REF. NO.	PART NO.	DESCRIPTION	REMARK
<TUNER>			
TU101	1-465-059-11	TUNER, ET (UV-616S)	
<CRYSTAL>			
X101	1-527-726-00	VIBRATOR, CRYSTAL	

*A-1330-901-A C BOARD, COMPLETE			

*4-379-160-01 COVER (REAR LID), CV			
*4-379-167-01 COVER (MAIN), CV			
<CAPACITOR>			
C701	1-102-978-00	CERAMIC 220PF 5% 50V	
C702	1-102-976-00	CERAMIC 180PF 5% 50V	
C703	1-102-976-00	CERAMIC 180PF 5% 50V	
C704	1-123-875-11	ELECT 10MF 20% 50V	
C705	1-101-003-00	CERAMIC 0.0047MF 50V	
C709	1-136-601-11	FILM 0.01MF 10% 630V	
C711	1-136-601-11	FILM 0.01MF 10% 630V	
C712	1-162-622-11	CERAMIC 330PF 10% 400V	
C713	1-162-116-00	CERAMIC 680PF 10% 2KV	
C714	1-123-946-00	ELECT 4.7MF 20% 250V	
C715	1-102-822-00	CERAMIC 390PF 5% 50V	
C716	1-102-980-00	CERAMIC 270PF 5% 50V	
C717	1-102-822-00	CERAMIC 390PF 5% 50V	
C718	1-102-976-00	CERAMIC 180PF 5% 50V	
C719	1-162-129-00	CERAMIC 150PF 10% 2KV	
C720	1-162-134-11	CERAMIC 470PF 10% 2KV	
<CONNECTOR>			
CNC33	*1-564-509-11	PLUG, CONNECTOR 6P	
CNC71	*1-508-786-00	PIN, CONNECTOR (5MM PITCH) 2P	
CNC83	*1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P	
<DIODE>			
D701	8-719-911-19	DIODE 1SS119	
D702	8-719-911-19	DIODE 1SS119	
D703	8-719-911-19	DIODE 1SS119	
<JACK>			
J701	1-526-798-51	SOCKET, PICTURE TUBE	
<COIL>			
L707	1-410-478-11	INDUCTOR 47UH	
<TRANSISTOR>			
Q701	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q702	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q703	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q704	8-729-326-11	TRANSISTOR 2SC2611	
Q705	8-729-326-11	TRANSISTOR 2SC2611	
Q706	8-729-326-11	TRANSISTOR 2SC2611	



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
<RESISTOR>				<CONNECTOR>			
R701	1-249-406-11	CARBON	120 5% 1/4W	C761	1-106-220-00	MYLAR	0.1MF 10% 100V
R702	1-249-409-11	CARBON	220 5% 1/4W	C763	1-124-122-11	ELECT	100MF 20% 50V
R703	1-249-409-11	CARBON	220 5% 1/4W	C764	1-126-176-11	ELECT	220MF 20% 6.3V
R704	1-249-406-11	CARBON	120 5% 1/4W	C765	1-101-006-00	CERAMIC	0.047MF 50V
R705	1-249-406-11	CARBON	120 5% 1/4W	C766	1-124-122-11	ELECT	100MF 20% 50V
R706	1-249-406-11	CARBON	120 5% 1/4W	C767	1-102-125-00	CERAMIC	0.0047MF 10% 50V
R707	1-249-418-11	CARBON	1.2K 5% 1/4W	<COIL>			
R708	1-249-409-11	CARBON	220 5% 1/4W	CNM83	*1-564-506-11	PLUG, CONNECTOR 3P	
R709	1-249-409-11	CARBON	220 5% 1/4W	CNM85	*1-564-507-11	PLUG, CONNECTOR 4P	
R710	1-249-409-11	CARBON	220 5% 1/4W	<TRANSISTOR>			
R711	1-249-409-11	CARBON	220 5% 1/4W	L751	1-410-468-11	INDUCTOR	6.8UH
R712	1-249-409-11	CARBON	220 5% 1/4W	L752	1-410-482-31	INDUCTOR	100UH
R713	1-249-418-11	CARBON	1.2K 5% 1/4W	<RESISTOR>			
R714	1-249-418-11	CARBON	1.2K 5% 1/4W	R751	1-249-409-11	CARBON	220 5% 1/4W
R715	1-249-418-11	CARBON	1.2K 5% 1/4W	R752	1-249-409-11	CARBON	220 5% 1/4W
R716	1-249-418-11	CARBON	1.2K 5% 1/4W	R753	1-249-415-11	CARBON	680 5% 1/4W
R717	1-249-418-11	CARBON	1.2K 5% 1/4W	R754	1-249-411-11	CARBON	330 5% 1/4W
R718	1-249-426-11	CARBON	5.6K 5% 1/4W	R755	1-216-431-11	METAL OXIDE	560 5% 1W F
R719	1-249-426-11	CARBON	5.6K 5% 1/4W	R756	1-249-414-11	CARBON	560 5% 1/4W
R721	1-215-923-00	METAL OXIDE	10K 5% 3W F	R757	1-249-426-11	CARBON	5.6K 5% 1/4W
R722	1-215-923-00	METAL OXIDE	10K 5% 3W F	R758	1-249-435-11	CARBON	33K 5% 1/4W
R723	1-215-923-00	METAL OXIDE	10K 5% 3W F	R759	1-249-393-11	CARBON	10 5% 1/4W F
R724	1-215-923-00	METAL OXIDE	10K 5% 3W F	R760	1-216-449-11	METAL OXIDE	56 5% 2W F
R725	1-215-923-00	METAL OXIDE	10K 5% 3W F	R764	1-249-409-11	CARBON	220 5% 1/4W
R726	1-215-923-00	METAL OXIDE	10K 5% 3W F	R765	1-249-381-11	CARBON	1 5% 1/4W F
R727	1-202-818-00	SOLID	1K 10% 1/2W	R766	1-249-426-11	CARBON	5.6K 5% 1/4W
R728	1-202-818-00	SOLID	1K 10% 1/2W	R767	1-249-417-11	CARBON	1K 5% 1/4W
R729	1-202-818-00	SOLID	1K 10% 1/2W	R768	1-249-426-11	CARBON	5.6K 5% 1/4W
R730	1-249-401-11	CARBON	47 5% 1/4W	R769	1-249-409-11	CARBON	220 5% 1/4W
R733	1-202-838-00	SOLID	100K 10% 1/2W	R771	1-249-423-11	CARBON	3.3K 5% 1/4W F
R734	1-216-349-00	METAL OXIDE	1 5% 1W F	R772	1-249-391-11	CARBON	6.8 5% 1/4W F
R736	1-202-842-11	SOLID	220K 10% 1/2W	R773	1-249-396-11	CARBON	18 5% 1/4W F
R737	1-202-842-11	SOLID	220K 10% 1/2W	R776	1-249-381-11	CARBON	1 5% 1/4W F
R738	1-249-405-11	CARBON	100 5% 1/4W	*****			
R739	1-202-838-00	SOLID	100K 10% 1/2W	*A-1345-798-A D BOARD, COMPLETE			
R740	1-202-848-00	SOLID	680K 10% 1/2W	*****			
R741	1-202-842-11	SOLID	220K 10% 1/2W	*4-341-736-01 BRACKET, FOCUS VR			
<VARIABLE RESISTOR>				*4-341-751-01 EYELET (EY1,EY2,EY3,EY4,EY5,EY6)			
RV701	1-228-989-00	RES. ADJ. CARBON 470		*4-341-752-01 EYELET (EY9,EY10,EY11,EY12,EY13,EY14,EY15,EY16,EY17,EY18,EY19)			
RV702	1-228-989-00	RES. ADJ. CARBON 470		<CAPACITOR>			
RV703	1-228-993-00	RES. ADJ. CARBON 4.7K		C501	1-124-122-11	ELECT	100MF 20% 50V
RV704	1-228-721-00	RES. ADJ. CERAMIC CARBON 2.2K		C503	1-102-123-00	CERAMIC	0.0033MF 10% 50V
RV705	1-228-721-00	RES. ADJ. CERAMIC CARBON 2.2K		C504	1-124-120-11	ELECT	220MF 20% 25V
RV706	1-228-721-00	RES. ADJ. CERAMIC CARBON 2.2K		C505	1-124-902-00	ELECT	0.47MF 20% 50V
RV707	1-230-619-11	RES. ADJ. METAL GLAZE 110M		C506	1-102-112-00	CERAMIC	330PF 10% 50V
RV708	1-230-641-11	RES. ADJ. METAL GLAZE 2.2M		*****			
*****				*****			
*A-1342-071-A VM BOARD, COMPLETE				*****			
*****				<CAPACITOR>			
C751	1-102-973-00	CERAMIC	100PF 5% 50V	*****			
C752	1-130-474-00	MYLAR	0.0018MF 5% 50V	*****			
C754	1-126-101-11	ELECT	100MF 20% 16V	*****			
C756	1-130-483-00	MYLAR	0.01MF 5% 50V	*****			
C758	1-130-483-00	MYLAR	0.01MF 5% 50V	*****			
C760	1-124-925-11	ELECT	2.2MF 20% 50V	*****			

D

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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C507	1-136-169-00	FILM	0.22MF 5% 50V	C827	1-130-660-11	FILM	0.02MF 3% 1.6KV
C508	1-130-492-11	MYLAR	0.056MF 5% 50V	C828	1-136-126-00	FILM	0.82MF 5% 400V
C509	1-126-101-11	ELECT	100MF 20% 16V	C829	1-106-351-00	MYLAR	0.0022MF 200V
C510	1-106-367-00	MYLAR	0.01MF 10% 100V	C830	1-136-598-11	FILM	3MF 5% 200V
C512	1-130-475-00	MYLAR	0.0022MF 5% 50V	C831	1-130-797-11	FILM	0.68MF 10% 250V
C513	1-124-791-11	ELECT	1MF 20% 50V	C832	1-106-395-00	MYLAR	0.15MF 10% 200V
C515	1-102-116-00	CERAMIC	680PF 10% 50V	C834	1-124-637-11	ELECT	1000MF 20% 50V
C516	1-124-791-11	ELECT	1MF 20% 50V	C835	1-102-030-00	CERAMIC	330PF 10% 500V
C517	1-124-902-00	ELECT	0.47MF 20% 50V	C836	1-102-030-00	CERAMIC	330PF 10% 500V
C518	1-136-175-00	FILM	0.68MF 5% 50V	C837	1-124-480-95	ELECT	470MF 20% 25V
C519	1-124-637-11	ELECT	1000MF 20% 50V	C838	1-106-367-00	MYLAR	0.01MF 10% 200V
C520	1-124-912-95	ELECT	330MF 20% 50V	C839	1-124-929-11	ELECT	22MF 20% 100V
C521	1-106-391-12	MYLAR	0.1MF 10% 200V	C840	1-162-114-00	CERAMIC	0.0047MF 2KV
C522	1-106-381-12	MYLAR	0.039MF 10% 200V	C841	1-106-383-00	MYLAR	0.047MF 200V
C523	1-106-387-00	MYLAR	0.068MF 10% 200V	C842	1-130-483-00	MYLAR	0.01MF 5% 50V
C524	1-123-268-11	ELECT	3.3MF 20% 160V	C843	1-130-479-00	MYLAR	0.0047MF 5% 50V
C525	1-102-820-00	CERAMIC	330PF 5% 50V	C844	1-124-910-11	ELECT	47MF 20% 50V
C526	1-123-875-11	ELECT	10MF 20% 50V	C845	1-126-233-11	ELECT	22MF 20% 50V
C527	1-102-978-00	CERAMIC	220PF 5% 50V	C846	1-101-810-00	CERAMIC	100PF 5% 500V
C528	1-124-477-11	ELECT	47MF 20% 16V	C847	1-162-318-11	CERAMIC	0.001MF 10% 500V
C530	1-124-122-11	ELECT	100MF 20% 50V	C849	1-130-485-00	MYLAR	0.015MF 5% 50V
C531	1-106-387-00	MYLAR	0.068MF 10% 200V	C850	1-102-030-00	CERAMIC	330PF 10% 500V
C539	1-102-233-00	CERAMIC	33PF 10% 500V	C861	1-124-791-11	ELECT	1MF 20% 50V
C540	1-130-479-00	ELECT	0.0047MF 5% 50V	C862	1-130-484-00	MYLAR	0.012MF 5% 50V
C541	1-124-902-00	ELECT	0.47MF 20% 50V	C863	1-106-351-00	MYLAR	0.0022MF 10% 100V
C542	1-106-220-00	MYLAR	0.1MF 10% 100V	C864	1-106-343-00	MYLAR	0.001MF 10% 100V
C543	1-106-375-12	MYLAR	0.022MF 10% 100V	C865	1-124-910-11	ELECT	47MF 20% 50V
C544	1-102-244-00	CERAMIC	220PF 10% 500V	C866	1-106-379-12	MYLAR	0.033MF 10% 200V
C545	1-124-925-11	ELECT	2.2MF 20% 50V	C867	1-124-902-00	ELECT	0.47MF 20% 50V
C546	1-123-875-11	ELECT	10MF 20% 50V	C868	1-106-383-00	MYLAR	0.047MF 10% 100V
C547	1-130-728-00	FILM	0.0022MF 5% 50V	C869	1-106-375-12	MYLAR	0.022MF 10% 200V
C548	1-102-820-00	CERAMIC	330PF 5% 50V	<CONNECTOR>			
C549	1-124-122-11	ELECT	100MF 20% 50V	CN801	*1-508-767-00	PIN, CONNECTOR (5MM PITCH) 5P	
C551	1-124-122-11	ELECT	100MF 20% 50V	CND81	*1-564-513-11	PLUG, CONNECTOR 10P	
C552	1-124-464-11	ELECT	0.22MF 20% 50V	CND82	*1-508-767-00	PIN, CONNECTOR (5MM PITCH) 5P	
C553	1-126-101-11	ELECT	100MF 20% 16V	CND83	*1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P	
C554	1-124-927-11	ELECT	4.7MF 20% 50V	CND84	*1-565-952-11	PIN, CONNECTOR 6P	
C556	1-123-875-11	ELECT	10MF 20% 50V	CND85	*1-564-507-11	PLUG, CONNECTOR 4P	
C557	1-126-101-11	ELECT	100MF 20% 16V	CND86	*1-508-786-00	PIN, CONNECTOR (5MM PITCH) 2P	
C558	1-123-875-11	ELECT	10MF 20% 50V	CND87	*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P	
C560	1-130-477-00	MYLAR	0.0033MF 5% 50V	CND88	*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P	
C561	1-102-112-00	CERAMIC	330PF 10% 50V	CND89	*1-564-508-11	PLUG, CONNECTOR 5P	
C562	1-130-483-00	MYLAR	0.01MF 5% 50V	<DIODE>			
C801	1-123-875-11	ELECT	10MF 20% 50V	D502	8-719-109-75	DIODE RD4.3ES-B2	
C802	1-124-925-11	ELECT	2.2MF 20% 50V	D503	8-719-911-19	DIODE 1SS119	
C803	1-124-791-11	ELECT	1MF 20% 50V	D505	8-719-911-55	DIODE U05G	
C804	1-124-910-11	ELECT	47MF 20% 50V	D506	8-719-911-55	DIODE U05G	
C805	1-106-343-00	MYLAR	0.001MF 10% 200V	D507	8-719-911-55	DIODE U05G	
C806	1-124-122-11	ELECT	100MF 20% 50V	D508	8-719-911-55	DIODE U05G	
C807	1-130-495-00	MYLAR	0.1MF 5% 50V	D509	8-719-911-55	DIODE U05G	
C808	1-124-791-11	ELECT	1MF 20% 50V	D510	8-719-911-55	DIODE U05G	
C809	1-130-471-00	MYLAR	0.001MF 5% 50V	D511	8-719-911-19	DIODE 1SS119	
C810	1-126-101-11	ELECT	100MF 20% 16V	D513	8-719-911-19	DIODE 1SS119	
C814	1-162-134-11	CERAMIC	470PF 10% 2KV	D514	8-719-911-19	DIODE 1SS119	
C815	1-124-927-11	ELECT	4.7MF 20% 50V	D515	8-719-911-55	DIODE U05G	
C816	1-123-024-21	ELECT	33MF 160V	D516	8-719-911-19	DIODE 1SS119	
C817	1-125-319-00	ELECT (BLOCK)	330MF 20% 160V	D801	8-719-911-19	DIODE 1SS119	
C819	1-102-212-00	CERAMIC	820PF 10% 500V	D802	8-719-911-19	DIODE 1SS119	
C820	1-106-383-00	MYLAR	0.047MF 10% 200V	D803	8-719-911-19	DIODE 1SS119	
C822	Δ 1-162-116-51	CERAMIC	680PF 10% 2KV	D805	8-719-911-19	DIODE 1SS119	
C823	Δ 1-162-116-51	CERAMIC	680PF 10% 2KV				
C824	1-106-345-00	MYLAR	0.0012MF 200V				
C825	1-102-030-00	CERAMIC	330PF 500V				
C826	1-129-723-00	FILM	0.056MF 5% 630V				

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D

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
D806	8-719-911-19	DIODE 1SS119		Q801	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D807	8-719-300-33	DIODE RU-3AM		Q802	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D808	8-719-971-09	DIODE ERD08-15		Q803	8-729-378-84	TRANSISTOR 2SD788-5	
	4-377-115-01	SPACER, MICA; D808		Q804	8-729-208-72	TRANSISTOR 2SC3298B-Y	
	*4-391-704-01	HOLDER (A), TR; D808		Q805	8-729-119-80	TRANSISTOR 2SC2688-LK	
D809	8-719-971-08	DIODE ESAC39M-06C		Q806	8-729-820-96	TRANSISTOR 2SC3996CA	
D810	8-719-911-55	DIODE U05G			4-370-507-11	SPACER (A), MICA; Q806	
D811	8-719-911-55	DIODE U05G			*4-391-705-01	HOLDER (B), TR; Q806	
D812	8-719-300-33	DIODE RU-3AM		Q860	8-729-195-82	TRANSISTOR 2SC2958-L	
D813	8-719-971-20	DIODE ERC38-06		Q861	8-729-122-03	TRANSISTOR 2SA1220A-P	
D815	8-719-300-33	DIODE RU-3AM		Q862	8-729-173-38	TRANSISTOR 2SA733-K	
D816	8-719-300-65	DIODE ES1F		Q5001	8-729-900-89	TRANSISTOR DTC144ES	
D818	8-719-911-19	DIODE 1SS119		Q5002	8-729-900-89	TRANSISTOR DTC144ES	
D825	8-719-300-33	DIODE RU-3AM		Q5004	8-729-900-89	TRANSISTOR DTC144ES	
D860	8-719-911-55	DIODE U05G		Q5005	8-729-900-89	TRANSISTOR DTC144ES	
D861	8-719-911-55	DIODE U05G					
D862	8-719-931-05	DIODE EQB01-05					
		<IC>					
IC501	8-759-100-60	IC UPC1377C		R503	1-215-461-00	METAL 47K 1%	1/6W
IC503	8-759-982-26	IC RC78L12A		R504	1-249-417-11	CARBON 1K 5%	1/4W
IC801	8-759-942-16	IC TEA2031A		R505	1-249-437-11	CARBON 47K 5%	1/4W
IC802	8-759-945-58	IC RC4558P		R506	1-249-421-11	CARBON 2.2K 5%	1/4W
IC803	8-759-982-30	IC RC78L24A		R507	Δ 1-212-857-61	FUSIBLE 10 5%	1/4W F
		<COIL>		R508	1-215-484-00	METAL 430K 1%	1/6W
L801	1-459-474-11	COIL (WITH CORE)		R509	1-249-428-11	CARBON 8.2K 5%	1/4W
L803	1-408-228-21	INDUCTOR 560UH		R510	1-215-451-00	METAL 18K 1%	1/6W
L804	1-459-104-00	COIL, DUST CORE		R511	1-249-421-11	CARBON 2.2K 5%	1/4W
L805	1-459-194-00	COIL (WITH CORE)		R512	1-249-429-11	CARBON 10K 5%	1/4W
L806	1-410-396-41	FERRITE BEAD INDUCTOR		R513	1-215-469-00	METAL 100K 1%	1/6W
L807	1-459-485-00	COIL, CHOKE		R515	1-215-447-00	METAL 12K 1%	1/6W
L808	1-410-674-31	INDUCTOR 82UH		R516	1-215-451-00	METAL 18K 1%	1/6W
L809	1-459-104-00	COIL, DUST CORE		R518	1-249-425-11	CARBON 4.7K 5%	1/4W
L810	1-425-613-00	COIL, AIR-CORE, QF TYPE		R519	1-202-723-00	SOLID 2.2M 10%	1/2W
L860	1-408-247-00	INDUCTOR 33MMH		R520	1-249-429-11	CARBON 10K 5%	1/4W
L861	1-443-012-00	TRANSFORMER, DYNAMIC CONVERSION		R521	1-249-423-11	CARBON 3.3K 5%	1/4W
L862	1-459-105-21	COIL (WITH CORE)		R522	1-249-413-11	CARBON 470 5%	1/4W
		<NEON LAMP>		R523	1-249-418-11	CARBON 1.2K 5%	1/4W
NL801	1-519-108-99	LAMP, NEON		R524	1-249-417-11	CARBON 1K 5%	1/4W
		<IC LINK>		R525	1-249-417-11	CARBON 1K 5%	1/4W
PS801	Δ 1-532-605-91	LINK, IC (ICP-N10) 0.4A		R526	1-215-878-00	METAL OXIDE 33K 5%	1W F
		<TRANSISTOR>		R527	1-249-405-11	CARBON 100 5%	1/4W
Q502	8-729-173-38	TRANSISTOR 2SA733-K		R528	1-249-749-00	CARBON 2.2M 5%	1/4W
Q504	8-729-119-78	TRANSISTOR 2SC2785-HFE		R529	1-249-424-11	CARBON 3.9K 5%	1/4W
Q505	8-729-119-78	TRANSISTOR 2SC2785-HFE		R530	1-249-429-11	CARBON 10K 5%	1/4W
Q506	8-729-173-38	TRANSISTOR 2SA733-K		R531	1-249-427-11	CARBON 6.8K 5%	1/4W
Q507	8-729-140-96	TRANSISTOR 2SD774-34		R532	1-202-731-00	SOLID 10M 10%	1/2W
Q508	8-729-140-97	TRANSISTOR 2SB734-34		R533	1-215-453-00	METAL 22K 1%	1/4W
Q509	8-729-320-27	TRANSISTOR 2SC4381		R534	1-215-459-00	METAL 39K 1%	1/4W
Q510	8-729-320-28	TRANSISTOR 2SA1667		R535	1-216-457-00	METAL OXIDE 1.2K 5%	2W F
Q511	8-729-195-82	TRANSISTOR 2SC2958-L		R536	1-215-444-00	METAL 9.1K 1%	1/4W
Q512	8-729-173-38	TRANSISTOR 2SA733-K		R537	1-249-415-11	CARBON 680 5%	1/4W
Q513	8-729-119-78	TRANSISTOR 2SC2785-HFE		R538	1-249-413-11	CARBON 470 5%	1/4W
Q514	8-729-119-78	TRANSISTOR 2SC2785-HFE		R539	1-249-416-11	CARBON 820 5%	1/4W
Q515	8-729-900-89	TRANSISTOR DTC144ES		R540	1-216-351-00	METAL OXIDE 1.5 5%	1W F
				R541	1-215-916-00	METAL OXIDE 680 5%	3W F
				R542	1-215-863-11	METAL OXIDE 100 5%	1W F
				R543	1-215-890-11	METAL OXIDE 470 5%	2W F
				R544	1-215-859-00	METAL OXIDE 22 5%	1W F
				R545	1-249-415-11	CARBON 680 5%	1/4W
				R546	1-249-415-11	CARBON 680 5%	1/4W
				R547	1-249-385-11	CARBON 2.2 5%	1/4W
				R548	Δ 1-212-936-61	FUSIBLE 1.2 5%	1/4W F
				R549	Δ 1-212-936-61	FUSIBLE 1.2 5%	1/4W F

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RV-FA2921B
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D H J2 J1

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
<TRANSFORMER>				C204	1-124-902-00	ELECT	0.47MF 20% 50V
T801	1-437-090-00	HDT		C206	1-124-791-11	ELECT	1MF 20% 50V
T802	1-424-168-11	TRANSFORMER, PIN MODULATION		C208	1-102-110-00	CERAMIC	220PF 10% 50V
T803 Δ	1-459-919-11	TRANSFORMER		C213	1-126-233-11	ELECT	22MF 20% 50V
T804	1-413-059-00	TRANSFORMER, FERRITE (DFT)		C214	1-130-481-00	MYLAR	0.0068MF 5% 50V
*****				C216	1-102-110-00	CERAMIC	220PF 10% 50V
*1-627-728-11	H BOARD			C217	1-124-902-00	ELECT	0.47MF 20% 50V
	*****			C218	1-130-487-00	MYLAR	0.022MF 5% 50V
*4-390-706-01	HOLDER, LED			C219	1-130-487-00	MYLAR	0.022MF 5% 50V
<CONNECTOR>				C220	1-130-477-00	MYLAR	0.0033MF 5% 50V
CNH01	*1-564-523-11	PLUG, CONNECTOR 8P		C221	1-130-477-00	MYLAR	0.0033MF 5% 50V
CNH02	*1-564-520-11	PLUG, CONNECTOR 5P		C222	1-130-492-11	MYLAR	0.056MF 5% 50V
<DIODE>				C223	1-130-492-11	MYLAR	0.056MF 5% 50V
D1001	8-719-800-94	DIODE TLUR144		C224	1-130-483-00	MYLAR	0.01MF 5% 50V
D1002	8-719-812-41	DIODE TLR124		C225	1-136-173-00	FILM	0.47MF 5% 50V
D1003	8-719-812-41	DIODE TLR124		C226	1-136-173-00	FILM	0.47MF 5% 50V
D1004	8-719-812-41	DIODE TLR124		C227	1-130-487-00	MYLAR	0.022MF 5% 50V
D1005	8-719-812-41	DIODE TLR124		C228	1-130-489-00	MYLAR	0.033MF 5% 50V
<IC>				C229	1-130-485-00	MYLAR	0.015MF 5% 50V
IC1001	8-749-900-36	IC BX-1393		C230	1-130-485-00	MYLAR	0.015MF 5% 50V
<SWITCH>				C231	1-124-902-00	ELECT	0.47MF 20% 50V
S1001	1-554-937-11	SWITCH, KEY BOARD		C232	1-123-875-11	ELECT	10MF 20% 50V
S1002	1-554-937-11	SWITCH, KEY BOARD		C233	1-102-114-00	CERAMIC	470PF 10% 50V
S1003	1-554-937-11	SWITCH, KEY BOARD		C234	1-102-114-00	CERAMIC	470PF 10% 50V
S1004	1-554-937-11	SWITCH, KEY BOARD		C236	1-124-902-00	ELECT	0.47MF 20% 50V
S1005	1-554-937-11	SWITCH, KEY BOARD		C237	1-124-902-00	ELECT	0.47MF 20% 50V
*****				C238	1-102-978-00	CERAMIC	220PF 5% 50V
*1-627-736-11	J2 BOARD			C239	1-126-103-11	ELECT	470MF 20% 16V
	*****			C240	1-130-481-00	MYLAR	0.0068MF 5% 50V
<CONNECTOR>				C1401	1-123-875-11	ELECT	10MF 20% 50V
CNJ23	*1-564-523-11	PLUG, CONNECTOR 8P		C1402	1-126-103-11	ELECT	470MF 20% 16V
<JACK>				C1403	1-102-114-00	CERAMIC	470PF 10% 50V
J1499	1-507-806-00	JACK 1P		C1404	1-124-902-00	ELECT	0.47MF 20% 50V
<RESISTOR>				C1405	1-101-003-00	CERAMIC	0.0047MF 50V
R1498	1-247-708-11	CARBON	470 5% 1/4W	C1406	1-124-902-00	ELECT	0.47MF 20% 50V
R1499	1-247-708-11	CARBON	470 5% 1/4W	C1407	1-123-875-11	ELECT	10MF 20% 50V
*****				C1408	1-126-101-11	ELECT	100MF 20% 16V
*A-1388-080-A	J1 BOARD, COMPLETE			C1409	1-126-233-11	ELECT	22MF 20% 50V
	*****			C1412	1-124-477-11	ELECT	47MF 20% 16V
<CAPACITOR>				C1413	1-124-477-11	ELECT	47MF 20% 16V
C202	1-124-902-00	ELECT	0.47MF 20% 50V	C1414	1-123-875-11	ELECT	10MF 20% 50V
C203	1-124-791-11	ELECT	1MF 20% 50V	C1415	1-124-902-00	ELECT	0.47MF 20% 50V
<CONNECTOR>				C1416	1-124-902-00	ELECT	0.47MF 20% 50V
CNJ01	1-561-534-41	SOCKET 21P		C1417	1-124-477-11	ELECT	47MF 20% 16V
<CONNECTOR>				C1418	1-102-114-00	CERAMIC	470PF 10% 50V
<CONNECTOR>				C1419	1-102-114-00	CERAMIC	470PF 10% 50V
<CONNECTOR>				C1421	1-124-477-11	ELECT	47MF 20% 16V
<CONNECTOR>				C1423	1-130-487-00	MYLAR	0.022MF 5% 50V
<CONNECTOR>				C1424	1-130-487-00	MYLAR	0.022MF 5% 50V
<CONNECTOR>				C1425	1-124-902-00	ELECT	0.47MF 20% 50V
<CONNECTOR>				C1426	1-124-902-00	ELECT	0.47MF 20% 50V
<CONNECTOR>				C1427	1-101-003-00	CERAMIC	0.0047MF 50V
<CONNECTOR>				C1428	1-101-003-00	CERAMIC	0.0047MF 50V
<CONNECTOR>				C1429	1-102-125-00	CERAMIC	0.0047MF 10% 50V
<CONNECTOR>				C1430	1-102-114-00	CERAMIC	470PF 10% 50V
<CONNECTOR>				C1431	1-124-902-00	ELECT	0.47MF 20% 50V
<CONNECTOR>				C1432	1-124-902-00	ELECT	0.47MF 20% 50V
<CONNECTOR>				C1433	1-126-101-11	ELECT	100MF 20% 16V
<CONNECTOR>				C1450	1-123-875-11	ELECT	10MF 20% 50V

J1

V

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
CNJ02	1-561-534-41	SOCKET, HINGE (TAB) 18P		R221	1-249-417-11	CARBON 1K 5% 1/4W	
CNJ03	*1-566-641-11	CONNECTOR, HINGE (TAB) 18P		R222	1-249-417-11	CARBON 1K 5% 1/4W	
CNJ04	1-536-996-11	TERMINAL BOARD, INPUT/OUTPUT		R223	1-249-413-11	CARBON 470 5% 1/4W	
CNJ05	*1-560-721-21	PLUG, CONNECTOR 2P		R224	1-249-413-11	CARBON 470 5% 1/4W	
CNJ21	*1-566-641-11	CONNECTOR, HINGE (TAB) 18P		R225	1-249-393-11	CARBON 10 5% 1/4W	F
				R226	1-249-413-11	CARBON 470 5% 1/4W	
<DIODE>				R227	1-249-417-11	CARBON 1K 5% 1/4W	
D201	8-719-110-14	DIODE RD9.1ES-B3		R228	1-249-417-11	CARBON 1K 5% 1/4W	
D202	8-719-110-14	DIODE RD9.1ES-B3		R229	1-249-437-11	CARBON 47K 5% 1/4W	
D1401	8-719-110-04	DIODE RD7.5ES-B3		R231	1-249-409-11	CARBON 220 5% 1/4W	
D1403	8-719-110-04	DIODE RD7.5ES-B3		R232	1-249-409-11	CARBON 220 5% 1/4W	
D1404	8-719-110-04	DIODE RD7.5ES-B3					
D1405	8-719-110-04	DIODE RD7.5ES-B3		R1401	1-247-804-11	CARBON 75 5% 1/4W	
D1406	8-719-110-04	DIODE RD7.5ES-B3		R1402	1-247-804-11	CARBON 75 5% 1/4W	
D1407	8-719-110-04	DIODE RD7.5ES-B3		R1403	1-249-437-11	CARBON 47K 5% 1/4W	
D1408	8-719-110-14	DIODE RD9.1ES-B3		R1404	1-249-413-11	CARBON 470 5% 1/4W	
D1409	8-719-110-04	DIODE RD7.5ES-B3		R1405	1-249-429-11	CARBON 10K 5% 1/4W	
D1418	8-719-110-04	DIODE RD7.5ES-B3		R1406	1-249-427-11	CARBON 6.8K 5% 1/4W	
D1419	8-719-110-04	DIODE RD7.5ES-B3		R1407	1-247-895-00	CARBON 470K 5% 1/4W	
D1421	8-719-110-04	DIODE RD7.5ES-B3		R1408	1-249-434-11	CARBON 27K 5% 1/4W	
D1422	8-719-110-04	DIODE RD7.5ES-B3		R1409	1-249-413-11	CARBON 470 5% 1/4W	
D1423	8-719-110-04	DIODE RD7.5ES-B3		R1410	1-249-434-11	CARBON 27K 5% 1/4W	
D1425	8-719-110-04	DIODE RD7.5ES-B3		R1411	1-249-413-11	CARBON 470 5% 1/4W	
<IC>				R1412	1-249-437-11	CARBON 47K 5% 1/4W	
IC201	8-759-013-17	IC TDA6200		R1413	1-247-895-00	CARBON 470K 5% 1/4W	
IC1401	8-752-032-27	IC CXA1114P		R1414	1-249-437-11	CARBON 47K 5% 1/4W	
IC1402	8-759-946-32	IC TEA2014A		R1415	1-249-434-11	CARBON 27K 5% 1/4W	
<COIL>				R1416	1-249-434-11	CARBON 27K 5% 1/4W	
L1401	1-459-407-00	COIL, FERRITE CHOKE		R1417	1-247-804-11	CARBON 75 5% 1/4W	
L1402	1-459-407-00	COIL, FERRITE CHOKE		R1418	1-247-738-11	CARBON 82 5% 1/2W	F
<TRANSISTOR>				R1419	1-249-409-11	CARBON 220 5% 1/4W	
Q201	8-729-173-38	TRANSISTOR 2SA733-K		R1420	1-249-409-11	CARBON 220 5% 1/4W	
Q202	8-729-173-38	TRANSISTOR 2SA733-K		R1421	1-249-409-11	CARBON 220 5% 1/4W	
Q1401	8-729-173-38	TRANSISTOR 2SA733-K		R1422	1-249-409-11	CARBON 220 5% 1/4W	
Q1402	8-729-173-38	TRANSISTOR 2SA733-K		R1423	1-249-434-11	CARBON 27K 5% 1/4W	
Q1405	8-729-173-38	TRANSISTOR 2SA733-K		R1424	1-249-434-11	CARBON 27K 5% 1/4W	
<RESISTOR>				R1425	1-249-409-11	CARBON 220 5% 1/4W	
R201	1-249-437-11	CARBON 47K 5% 1/4W		R1426	1-249-416-11	CARBON 820 5% 1/4W	
R202	1-249-425-11	CARBON 4.7K 5% 1/4W		R1427	1-249-416-11	CARBON 820 5% 1/4W	
R204	1-249-435-11	CARBON 33K 5% 1/4W		R1428	1-247-895-00	CARBON 470K 5% 1/4W	
R205	1-249-435-11	CARBON 33K 5% 1/4W		R1429	1-247-895-00	CARBON 470K 5% 1/4W	
R206	1-249-423-11	CARBON 3.3K 5% 1/4W		R1430	1-247-804-11	CARBON 75 5% 1/4W	
R207	1-249-423-11	CARBON 3.3K 5% 1/4W		R1433	1-249-405-11	CARBON 100 5% 1/4W	
R208	1-249-431-11	CARBON 15K 5% 1/4W		R1434	1-249-393-11	CARBON 10 5% 1/4W	F
R209	1-249-433-11	CARBON 22K 5% 1/4W		R1437	1-249-429-11	CARBON 10K 5% 1/4W	
R210	1-249-431-11	CARBON 15K 5% 1/4W		R1438	1-249-427-11	CARBON 6.8K 5% 1/4W	
R211	1-249-441-11	CARBON 100K 5% 1/4W		R1440	1-249-417-11	CARBON 1K 5% 1/4W	
R212	1-249-433-11	CARBON 22K 5% 1/4W		R1442	1-249-437-11	CARBON 47K 5% 1/4W	
R213	1-249-431-11	CARBON 15K 5% 1/4W		R1443	1-249-437-11	CARBON 47K 5% 1/4W	
R214	1-249-409-11	CARBON 220 5% 1/4W		R1445	1-249-440-11	CARBON 82K 5% 1/4W	
R215	1-249-433-11	CARBON 22K 5% 1/4W		R1447	1-249-409-11	CARBON 220 5% 1/4W	
R216	1-249-433-11	CARBON 22K 5% 1/4W		R1448	1-249-409-11	CARBON 220 5% 1/4W	
R217	1-249-431-11	CARBON 15K 5% 1/4W		R1449	1-247-804-11	CARBON 75 5% 1/4W	
R218	1-249-409-11	CARBON 220 5% 1/4W		R1450	1-247-804-11	CARBON 75 5% 1/4W	
R219	1-249-429-11	CARBON 10K 5% 1/4W		R1451	1-247-804-11	CARBON 75 5% 1/4W	
R220	1-249-425-11	CARBON 4.7K 5% 1/4W		R1455	1-247-804-11	CARBON 75 5% 1/4W	
				R1456	1-249-409-11	CARBON 220 5% 1/4W	
				R1457	1-249-409-11	CARBON 220 5% 1/4W	
				R1459	1-249-413-11	CARBON 470 5% 1/4W	

*A-1645-009-A V BOARD, COMPLETE							

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

RV-7A2941D
RM-698/SS-XT291

V

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
*4-380-698-01 CASE (MAIN), SHIELD, A1				<COIL>			
<CAPACITOR>				L01	1-408-411-00	INDUCTOR 15UH	
C02	1-124-120-11	ELECT 220MF	20% 16V	L04	1-408-407-00	INDUCTOR 6.8UH	
C03	1-124-119-00	ELECT 330MF	20% 16V	L05	1-408-407-00	INDUCTOR 6.8UH	
C05	1-126-101-11	ELECT 100MF	20% 16V	L06	1-408-407-00	INDUCTOR 6.8UH	
C06	1-124-120-11	ELECT 220MF	20% 16V	<IC LINK>			
C07	1-124-791-11	ELECT 1MF	20% 50V	PS01 Δ	1-532-679-91	LINK, IC (ICP-N15) 0.6A	
C08	1-163-097-00	CERAMIC CHIP 15PF	5% 50V	PS02 Δ	1-532-727-91	LINK, IC 0.25A	
C09	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V	<TRANSISTOR>			
C10	1-163-133-00	CERAMIC CHIP 470PF	5% 50V	Q3	8-729-900-53	TRANSISTOR DTC114EK	
C11	1-163-037-11	CERAMIC CHIP 0.022MF	10% 25V	Q01	8-729-920-92	TRANSISTOR 2SD2096-EF	
C12	1-163-127-00	CERAMIC CHIP 270PF	5% 50V	Q02	8-729-807-50	TRANSISTOR 2SD1623-R	
C13	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	Q04	8-729-271-22	TRANSISTOR 2SC2712-G	
C14	1-163-097-00	CERAMIC CHIP 15PF	5% 50V	Q05	8-729-807-50	TRANSISTOR 2SD1623-R	
C15	1-163-103-00	CERAMIC CHIP 27PF	5% 50V	Q07	8-729-900-98	TRANSISTOR DTC143TK	
C16	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	Q09	8-729-807-87	TRANSISTOR 2SB1295-UL6	
C17	1-163-809-11	CERAMIC CHIP 0.047MF	10% 25V	Q10	8-729-807-87	TRANSISTOR 2SB1295-UL6	
C18	1-163-099-00	CERAMIC CHIP 18PF	5% 50V	Q11	8-729-807-87	TRANSISTOR 2SB1295-UL6	
C19	1-163-809-11	CERAMIC CHIP 0.047MF	10% 25V	Q14	8-729-807-87	TRANSISTOR 2SB1295-UL6	
C20	1-163-125-00	CERAMIC CHIP 220PF	5% 50V	<RESISTOR>			
C21	1-163-833-00	CERAMIC CHIP 0.068MF	20% 25V	JW18	1-216-295-00	METAL GLAZE 5% 1/10W	
C24	1-126-101-11	ELECT 100MF	20% 16V	JW19	1-216-295-00	METAL GLAZE 5% 1/10W	
C25	1-124-477-11	ELECT 47MF	20% 16V	JW20	1-216-295-00	METAL GLAZE 5% 1/10W	
C27	1-163-129-00	CERAMIC CHIP 330PF	5% 50V	JW21	1-216-295-00	METAL GLAZE 5% 1/10W	
C28	1-163-137-00	CERAMIC CHIP 680PF	5% 50V	JW22	1-216-295-00	METAL GLAZE 5% 1/10W	
C51	1-163-038-00	CERAMIC CHIP 0.1MF	25V	JW23	1-216-295-00	METAL GLAZE 5% 1/10W	
C52	1-163-038-00	CERAMIC CHIP 0.1MF	25V	JW24	1-216-295-00	METAL GLAZE 5% 1/10W	
C53	1-163-038-00	CERAMIC CHIP 0.1MF	25V	JW25	1-216-295-00	METAL GLAZE 5% 1/10W	
C54	1-163-038-00	CERAMIC CHIP 0.1MF	25V	JW26	1-216-295-00	METAL GLAZE 5% 1/10W	
C55	1-163-038-00	CERAMIC CHIP 0.1MF	25V	JW29	1-216-295-00	METAL GLAZE 5% 1/10W	
C56	1-163-038-00	CERAMIC CHIP 0.1MF	25V	JW30	1-216-295-00	METAL GLAZE 5% 1/10W	
C57	1-124-477-11	ELECT 47MF	20% 16V	JW31	1-216-295-00	METAL GLAZE 5% 1/10W	
C58	1-124-477-11	ELECT 47MF	20% 16V	JW32	1-216-295-00	METAL GLAZE 5% 1/10W	
C59	1-163-038-00	CERAMIC CHIP 0.1MF	25V	JW33	1-216-295-00	METAL GLAZE 5% 1/10W	
C60	1-163-133-00	CERAMIC CHIP 470PF	5% 50V	JW34	1-216-295-00	METAL GLAZE 5% 1/10W	
<CONNECTOR>				JW35	1-216-295-00	METAL GLAZE 5% 1/10W	
CNV03	*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P		JW42	1-216-295-00	METAL GLAZE 5% 1/10W	
CNV41	*1-565-393-11	CONNECTOR, BOARD TO BOARD		JW43	1-216-295-00	METAL GLAZE 5% 1/10W	
CNV42	*1-565-393-11	CONNECTOR, BOARD TO BOARD		R02	1-216-065-00	METAL GLAZE 4.7K 5% 1/10W	
<TRIMMER>				R05	1-216-025-00	METAL GLAZE 100 5% 1/10W	
CT01	1-141-181-11	CAP, TRIMMER		R06	1-216-049-00	METAL GLAZE 1K 5% 1/10W	
<DIODE>				R07	1-216-025-00	METAL GLAZE 100 5% 1/10W	
D01	8-719-105-91	DIODE RD5.6M-B2		R08	1-216-037-00	METAL GLAZE 330 5% 1/10W	
D02	8-719-106-79	DIODE RD13M-B1		R09	1-216-091-00	METAL GLAZE 56K 5% 1/10W	
D03	8-719-400-18	DIODE MA152WK		R19	1-216-077-00	METAL GLAZE 15K 5% 1/10W	
D07	8-719-106-17	DIODE RD6.8M-B2		R20	1-216-049-00	METAL GLAZE 1K 5% 1/10W	
D08	8-719-106-17	DIODE RD6.8M-B2		R27	1-216-013-00	METAL GLAZE 33 5% 1/10W	
D10	8-719-400-18	DIODE MA152WK		R28	1-216-013-00	METAL GLAZE 33 5% 1/10W	
<IC>				R29	1-216-013-00	METAL GLAZE 33 5% 1/10W	
IC1	8-759-038-58	IC SDA20162-A002		R30	1-218-325-11	METAL GLAZE 120 5% 1/W	
IC2	8-759-013-20	IC SDA5231		R31	1-218-325-11	METAL GLAZE 120 5% 1/W	
IC3	8-759-032-98	IC SDA5243		R32	1-218-325-11	METAL GLAZE 120 5% 1/W	
IC4	8-759-230-69	IC TC5563APL-12L		R33	1-216-023-00	METAL GLAZE 82 5% 1/0W	
				R34	1-216-049-00	METAL GLAZE 1K 5% 1/0W	
				R37	1-216-025-00	METAL GLAZE 100 5% 1/0W	
				R38	1-216-047-00	METAL GLAZE 820 5% 1/0W	
				R41	1-216-041-00	METAL GLAZE 470 5% 1/0W	
				R44	1-216-041-00	METAL GLAZE 470 5% 1/0W	



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REF. NO.	QTY.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
R45	1	049-00 METAL GLAZE	1K 5% 1/10W	D607	8-719-300-33	DIODE RU-3AM	
R46	1	311-00 METAL GLAZE	6.8 5% 1/10W	D608	8-719-300-33	DIODE RU-3AM	
R51	1	065-00 METAL GLAZE	4.7K 5% 1/10W	D609	8-719-500-67	DIODE D5KC40H	
R52	1	216-065-00 METAL GLAZE	4.7K 5% 1/10W	D610	8-719-911-19	DIODE 1SS119	
R53	1	216-065-00 METAL GLAZE	4.7K 5% 1/10W	D611	8-719-911-19	DIODE 1SS119	
R54	1	216-065-00 METAL GLAZE	4.7K 5% 1/10W	D612	8-719-911-19	DIODE 1SS119	
R55	1	216-057-00 METAL GLAZE	2.2K 5% 1/10W	D613	8-719-911-19	DIODE 1SS119	
R56	1	216-065-00 METAL GLAZE	4.7K 5% 1/10W	D615	8-719-801-95	DIODE 2GWJ42	
R57	1	216-065-00 METAL GLAZE	4.7K 5% 1/10W	D616	8-719-911-55	DIODE U05G	
R58	1	216-065-00 METAL GLAZE	4.7K 5% 1/10W				
R59	1	216-081-00 METAL GLAZE	22K 5% 1/10W				
R60	1	216-041-00 METAL GLAZE	470 5% 1/10W				
R61	1	216-071-00 METAL GLAZE	8.2K 5% 1/10W				
R64	1	216-065-00 METAL GLAZE	4.7K 5% 1/10W				
R65	1	216-065-00 METAL GLAZE	4.7K 5% 1/10W				
R66	1	216-041-00 METAL GLAZE	470 5% 1/10W				
R67	1	216-041-00 METAL GLAZE	470 5% 1/10W				
R78	1	216-049-00 METAL GLAZE	1K 5% 1/10W				
R79	1	218-780-11 METAL GLAZE	270 5% 1/4W				
R80	1	218-780-11 METAL GLAZE	270 5% 1/4W				
		<VARIABLE RESISTOR>					
RV01	1	238-012-11 RES. ADJ. CARBON 1K					
		<CRYSTAL>					
X01	1	567-162-00 OSCILLATOR, CRYSTAL					
X02	1	567-495-11 OSCILLATOR, CRYSTAL					
X03	1	577-364-11 VIBRATOR, CERAMIC					

		Δ 1-413-380-11 G BOARD (ZD-109)					

		<CAPACITOR>					
C601	1	136-721-21 FILM	1.5MF 10% 400V				
C602	1	136-725-11 FILM	0.039MF 5% 1.25KV				
C603	1	136-725-11 FILM	0.039MF 5% 1.25KV				
C604	1	130-325-11 FILM	0.15MF 5% 100V				
C605	1	130-325-11 FILM	0.15MF 5% 100V				
C606	1	164-143-11 CERAMIC	1000PF 10% 1KV				
C607	1	164-143-11 CERAMIC	1000PF 10% 1KV				
C608	1	164-143-11 CERAMIC	1000PF 10% 1KV				
C609	1	164-144-11 CERAMIC	1500PF 10% 1KV				
C610	1	164-143-11 CERAMIC	1000PF 10% 1KV				
C611	1	102-038-00 CERAMIC	1000PF 10% 500V				
C612	1	108-843-11 MYLAR	0.033MF 10% 50V				
C613	1	124-477-11 ELECT	47MF 20% 16V				
C614	1	124-176-11 ELECT	220MF 20% 6.3V				
C615	1	123-380-00 ELECT	1MF 20% 50V				
C616	1	124-557-11 ELECT	1000MF 20% 25V				
C618	1	124-439-11 ELECT	2700MF 20% 25V				
C619	1	124-557-11 ELECT	1000MF 20% 25V				
C620	1	124-568-00 ELECT	4700MF 20% 10V				
C621	1	124-347-00 ELECT	1000MF 20% 160V				
C622	1	108-843-11 MYLAR	0.033MF 10% 50V				
C623	1	162-115-00 CERAMIC	330PF 10% 2KV				
C624	1	124-471-00 ELECT	1000MF 20% 6.3V				
		<DIODE>					
D601	8	719-500-69 DIODE S3V10SS					
D602	8	719-500-69 DIODE S3V10SS					
D603	8	719-500-26 DIODE D5KD20H					
D605	8	719-510-13 DIODE D10SC4MR					
D606	8	719-510-12 DIODE D10SC4M					
		<CONNECTOR>					
G1	*	1-508-765-00 PIN, CONNECTOR (5MM PITCH) 3P					
G2	*	1-508-767-00 PIN, CONNECTOR (5MM PITCH) 5P					
G3	*	1-564-507-11 PLUG, CONNECTOR 4P					
G4	*	1-564-506-11 PLUG, CONNECTOR 3P					
		<MODULE>					
IC601	1	236-237-11 POWER MODULE (DM-38)					
		<COIL>					
L603	1	408-300-00 INDUCTOR	6.80UH				
L604	1	421-329-00 COIL, CHOKE					
L605	1	410-397-21 FERRITE BEAD INDUCTOR	1.10UH				
L606	1	407-365-00 COIL, CHOKE					
L607	1	410-397-21 FERRITE BEAD INDUCTOR	1.10UH				
L609	1	410-397-21 FERRITE BEAD INDUCTOR	1.10UH				
L610	1	410-397-21 FERRITE BEAD INDUCTOR	1.10UH				
L613	1	410-397-21 FERRITE BEAD INDUCTOR	1.10UH				
L615	1	459-155-00 COIL (WITH CORE) 45UH					
L616	1	459-155-00 COIL (WITH CORE) 45UH					
L617	1	459-155-00 COIL (WITH CORE) 45UH					
L618	1	459-155-00 COIL (WITH CORE) 45UH					
		<TRANSISTOR>					
Q601	8	729-905-72 TRANSISTOR 2SC4056P					
Q602	8	729-905-72 TRANSISTOR 2SC4056P					
Q603	8	729-119-78 TRANSISTOR 2SC2785-HFE					
Q604	8	729-119-78 TRANSISTOR 2SC2785-HFE					
		<RESISTOR>					
R601	1	215-904-11 METAL OXIDE	100K 5% 2W F				
R602	1	215-904-11 METAL OXIDE	100K 5% 2W F				
R605	1	207-451-00 WIREWOUND	0.1 10% 1/2W				
R606	1	207-451-00 WIREWOUND	0.1 10% 1/2W				
R607	1	216-370-11 METAL OXIDE	1.2 5% 2W F				
R608	1	216-370-11 METAL OXIDE	1.2 5% 2W F				
R609	1	249-405-11 CARBON	100 5% 1/4W F				
R610	1	249-405-11 CARBON	100 5% 1/4W F				
R611	1	249-417-11 CARBON	1K 5% 1/4W F				
R612	1	249-382-11 CARBON	1.2 5% 1/4W F				
R613	1	249-398-11 CARBON	27 5% 1/4W F				
R614	1	249-405-11 CARBON	100 5% 1/4W F				
R615	1	216-363-00 METAL OXIDE	0.33 5% 2W F				
R616	1	216-363-00 METAL OXIDE	0.33 5% 2W F				
R617	1	216-363-00 WIREWOUND	0.33 10% 1/2W				
R618	1	249-417-11 WIREWOUND	0.1 10% 1/2W				
R619	1	249-417-11 CARBON	1K 5% 1/4W F				
R620	1	249-407-11 CARBON	150 5% 1/4W F				
R621	1	249-405-11 CARBON	100 5% 1/4W F				

The components identified by shading and mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

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REF. NO.	PART NO.	DESCRIPTION	REMARK
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<TRANSFORMER>

T601	1-424-023-11	TRANSFORMER, LINE FILTER	
T602	Δ 1-424-147-11	TRANSFORMER, POWER REGULATION	
T603	Δ 1-424-169-11	TRANSFORMER, POWER INSULATED	

MISCELLANEOUS

Δ 1-230-940-31	RESISTOR ASSY, HIGH-VOLTAGE
Δ 1-238-368-11	RESISTOR ASSY, HIGH-VOLTAGE
Δ 1-426-398-11	COIL, DEMAGNETIZATION
Δ 1-451-333-11	DEFLECTION YOKE (Y29FXC)
1-452-032-00	MAGNET, DISK; 10MM ϕ
1-452-094-00	MAGNET, ROTATABLE DISK; 15MM ϕ
Δ 1-452-509-32	NECK ASSY, PICTURE TUBE (NA-308)
Δ 1-559-346-12	CORD, POWER (WITH CONNECTOR)

T805	Δ 1-439-443-11	TRANSFORMER ASSY, FLYBACK
V901	Δ 8-733-823-05	PICTURE TUBE (A68JYK60X)

ACCESSORIES AND PACKING MATERIALS

PART NO.	DESCRIPTION	REMARK
1-556-248-00	CORD (WITH PLUG)	
3-751-978-51	MANUAL, INSTRUCTION (FRENCH)	
4-384-027-01	BAG, PROTECTION	
*4-390-743-01	CUSHION (UPPER) (ASSY)	
*4-390-744-01	CUSHION (LOWER) (ASSY)	
*4-390-749-01	INDIVIDUAL CARTON SPEAKER SYSTEM (SS-XT291)	

REMOTE COMMANDER

1-465-556-11	REMOTE COMMANDER, PROGRAMMABLE (RM-698)
4-395-610-01	COVER, BATTERY (FOR RM-698)

